M3 Sky Manual

Please read "the safety guide" before use and use it in a proper manner.

All the information of user manual and programs in CD can be downloaded at the m3mobile homepage.

M3 MOBILE
Your Best Mobile Business Partner

Note

- This manual is subject to copyright protection along with all relevant rights.
- No part of this document can be copied, reproduced, changed or translated in whole or in part by any means without prior written consent of M3 Mobile Co., Ltd.
- The content of the manual is provided “as-is” and be subject to change at any time without notice.
- M3 Mobile Co., Ltd. makes no warranty of any kind with regard to this manual, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose.
- Microsoft, ActiveSync, Windows, Windows logos, Windows Mobile 5.0 logos are trademarks, or registered trademarks of Microsoft Corporation in the United States and/or other countries. Microsoft OEM products are licensed by Microsoft Licensing Inc., a entirely owned subsidiary of Microsoft Corporation.
- All other product names in this document or product are company names, trademarks or registered trademarks of the respective owners.

Copyright and Agreement

- This user manual is provided “as-is”. It may contain editing error or omitting due to the difficulty of expressing technical feature.
- If an application program provided by other supplier using by M3 SKY, refer to the supplier for a program manual.
- The application program providers have the responsibility of indicating their contact number for customer service on M3 SKY terminal, item box, or program.
- M3 Mobile Corporation do not warranty any programs produced and added by the third software companies after M3 SKY products are distributed from factories.
- M3 Mobile Corporation has the right to ask warranty of any programs to the program providers to meet the needs of mobile networking companies.
- The contents in the user’s manual are protected under the Software Copyright Act. Copy, reproduction, distribution of the contents in the user’s manual without any written agreement notice of M3 Mobile Co. Ltd., is considered as criminal actions.
- Windows, MS Office, Outlook, ActiveSync, Internet Explorer programs are the registered brand of Microsoft.
- M3 SKY is the registered brand of M3 Mobile Co. Ltd.
- The brands of other products and service referred in this manual belong to corresponding providers.

Caution when using M3 SKY (1)

- User Caution
  - When the unit is lost or stolen, notify to network provider immediately.
  - Do not rent the unit to third person without authorized permission.
  - Do not use the unit while driving.
  - For technical help, contact designated service centers.
  - Contact responding suppliers directly for questions on applications and work programs other than hardware and basic installed applications.
  - Use supplied adapter and accessories by M3 Mobile Co. Ltd.
  - Any defect on a unit while using other batteries, chargers and accessories can not get warranty.

- Carrying and Storage Caution
  - Avoid to use the device under high temperature and humidity. It may cause fatality to the device.
  - Avoid intentional dropping from high elevation. It may cause fatality to the device.
  - Charge batteries fully before the first time use of the device.

Caution when using M3 SKY (2)

- Do not reconstruct
  - Do not reconstruct M3 SKY for any purpose.
  - It may cause fire in the unit, and wound or electric shock to users.
  - Any defect caused by reconstructing units, can not get warranty.

- Illegal copy of mobile phone is prohibited
  - The person who reproduces mobile phone and uses this mobile phone is considered as criminals.
  - The use of lost or stolen mobile phone is considered as a criminal act.
  - Keeping the lost or stolen mobile phone after turning power off, is considered as a criminal act.

Size and Features

Used frequency band		WCDMA : 2100 / GSM 850 (TX) 824 ~ 849 MHz / (RX) 869 ~ 894 MHz WCDMA : 1900 / GSM 900 (TX) 880 ~ 915 MHz / (RX) 925 ~ 960 MHz WCDMA : 850 / GSM 1800 (TX) 1710 ~ 1785 MHz / (RX) 1805 ~ 1880 MHz GSM 1900 (TX) 1850 ~ 1910 MHz / (RX) 1930 ~ 1990 MHz
Band width		200 KHz (GSM) / 5MHz (3G)
External appearance		78.6 x 163.5 x 24.9mm (Width x length x height)
Weight		320g
Operational Temperature	Main body	-10 ℃ ~ +50 ℃
	Adapter	-10 ℃ ~ +50 ℃
Relative Humidity		5% ~ 80%
AC Power		Input : AC 100 ~ 250V, 50 ~ 60Hz Output : DC +5.2V, 3.0A

⚠ Supported Frequency Bands can differ depending on the supplied antenna.

Contents

CONTENTS

- Note 2
- Copyright and Agreement 3
- Caution when using M3 4
- Size and Features 6

1. M3 Introduction 9
   - Product Composition 10
   - Name and function of each part 12
   - Input Buttons 13
   - Soft/Hard Reset 15
   - How to use stylus pen 16
   - LED/Battery attaching/detaching 17
   - Charging 18
   - How to connect to PC 19

2. Basic Usage 20
   - Calibration 21
   - Main screen 23
   - Input screen 24

3. ActiveSync 29
   - ActiveSync Introduction 30
   - Installing ActiveSync 31
   - Synchronization of data 32

Contents

4. How to use internet 33
- Via HSDPA 34
- Via Wireless LAN 36
- Via Wireless WLAN 39
- Browsing the Web Site 42

5. How to use the Phone 47
- Init Screen 48
- Phone Control 49
- Phone call and receive 50
- Phone book 51
- SMS send and receive 52
- Phone function 54
- Phone setting 55

6. Usage of Device 56
- Camera 57
- Bluetooth 61
- BTexplorer 66
- IrDA 69
- GPS 70
- Scanner 72
- RF-ID 78

1. Introduction

- Product Composition
- Name and Function of each part
- Input Buttons
- Soft/Hard Reset
- How to use Stylus pen
- LED Battery Attaching/Detaching
- Charging
- How to connect to PC

Product Composition (1)

- At the first time of opening the product box, please check if it contains all the basic components, listed as following.

M3 SKY main terminal
+ 2 units of standard battery

Cradle + USB cable

CD + ActiveSync 4.x

Ear Mic Phone
+ 2 units of Stylus pen

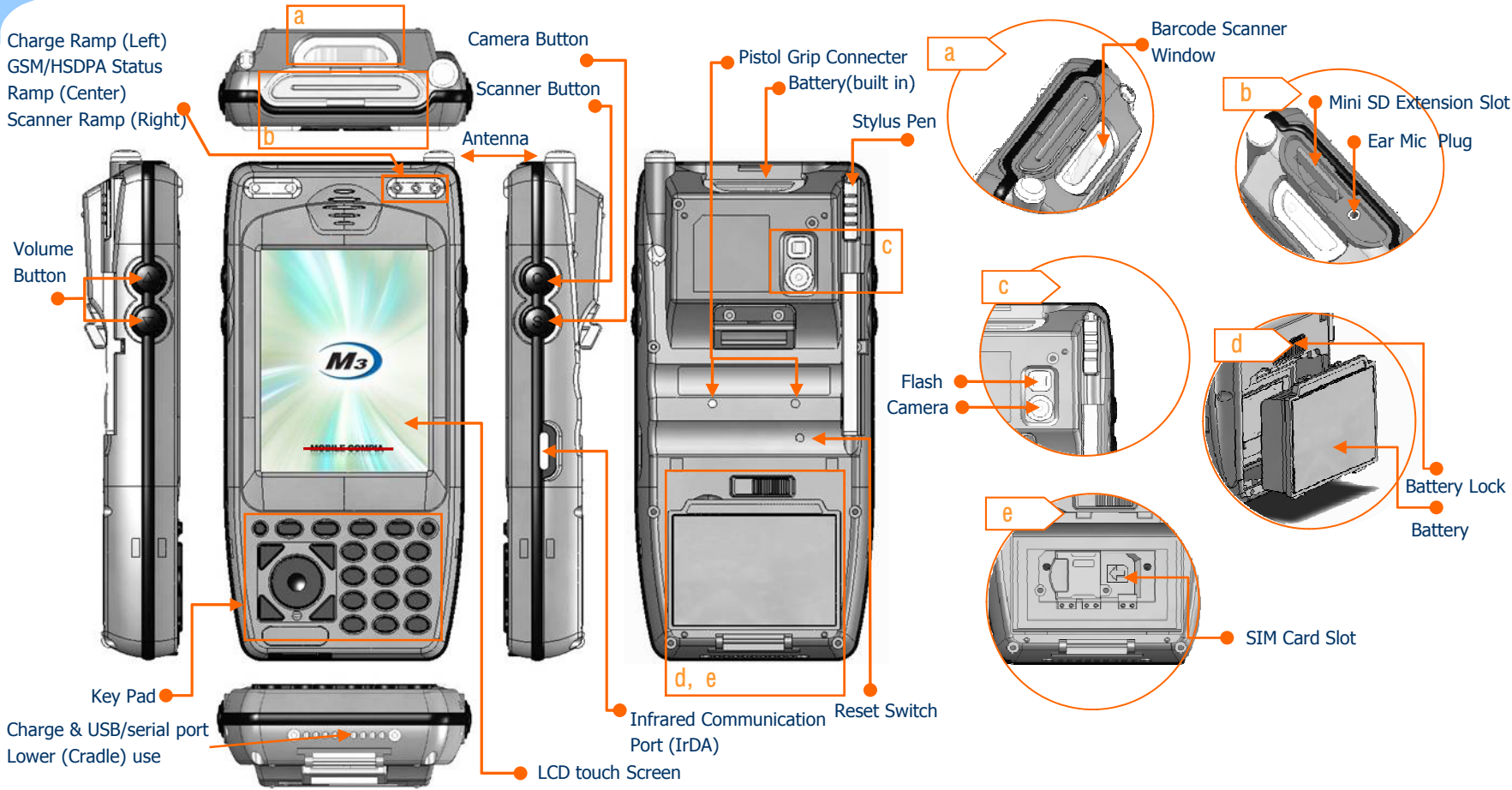
Portable Adapter

⚠ The product components may differ depending on the supplied products.

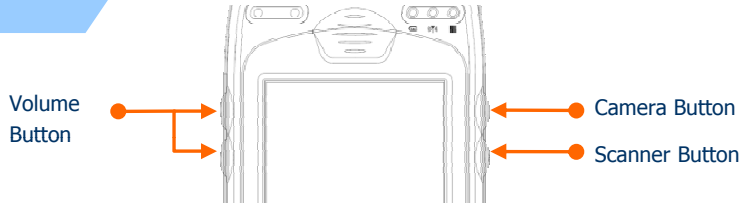
Product Composition (2)

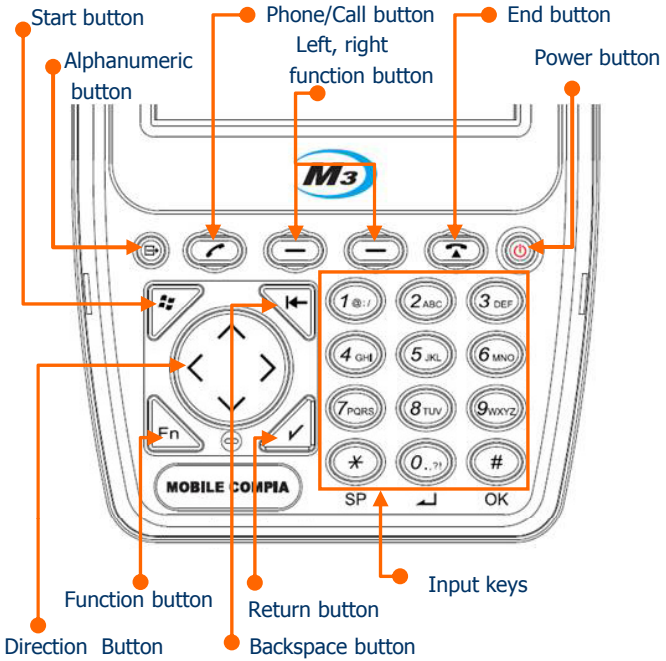
- How to use the manual
  - This manual provides detailed information to make using the device easier and faster.
  - The content related to phone or communication in this manual is only applicable when the device is equipped with GSM/HSDPA module for Voice and Data communication.
  - The features described in this manual can not be used when it is not equipped in the device (WWAN, WLAN, Bluetooth, IrDA, Scanner, Camera, GPS).
  - The content of this manual is subject to change without prior notice due to product improvement or modification of its functions, etc.

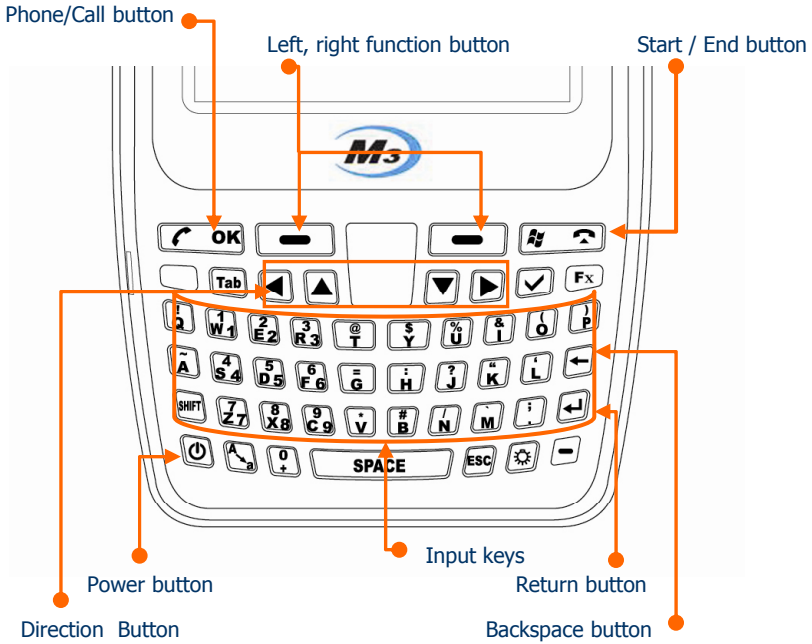
Name and function of each part



Input Button





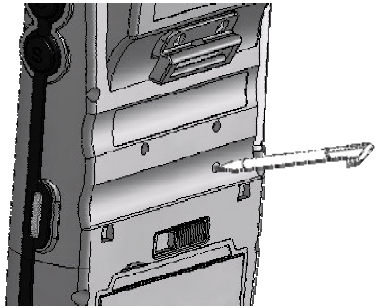


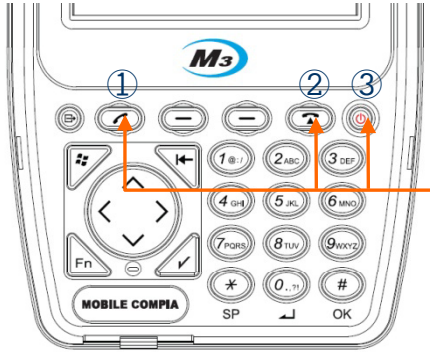
Input Button

Component	Description
Power button	Press to toggle the device on/off.
	Long press to menu (Backlight, Display, etc) Function
Phone/Call function	press to accept the call or to execute the phone
End function	press to hang-up/reject the call.
Input keys	Press to input alphabet characters or numbers
Left, right function button	press to lunch an assigned application or function
Alphanumeric	press to switch between alphabet and number input
Start button	Press to display the Start menu.
Backspace button	press to move back
Function button	press to Function Key with (*, 0, #)
Direction button	press to move left,right and up,down
Return button	press to confirm the action
Scanner button	Press to launch the barcode data scan application
Camera button	Press to launch the Pictures & Videos
Volume button	Press the top key to increase volume, press the bottom key to decrease volume.

⚠ Some key functions might not be supported, depending on the option.

Soft/Hard Reset





- Soft Reset
  - A soft reset allows your device to get a fresh start, similar to rebooting a computer.
  - This restarts your device and adjusts memory allocation.
  - All records and entries are retained after a soft reset.
  - Unsaved data in open programs may in some cases be lost.

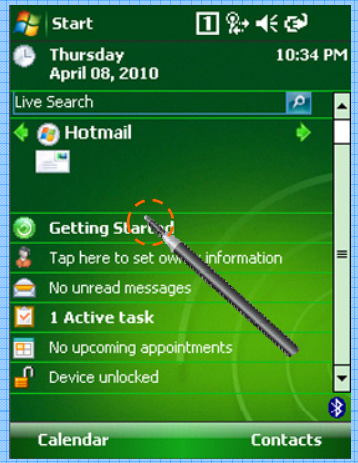
- Hard Reset
  - A hard reset removes power to your device.
  - This erases all records and entries, deletes all additional programs you have installed, and restores the device's default factory settings.
  - Never perform a hard reset unless a soft reset does not correct your problem.

- **To perform a hard reset :**
  - → Press the power button for more than 12 seconds to turn off the power (can be confirmed by LCD off)
  - → While pressing call and end button, please press the power button shortly.
  - → When the [CLEAN BOOT WARNING] window will pop up with message "All data will be lost! Do you want to continue?"
    "1. YES 0. NO, please press 1 to perform the Hard Reset.

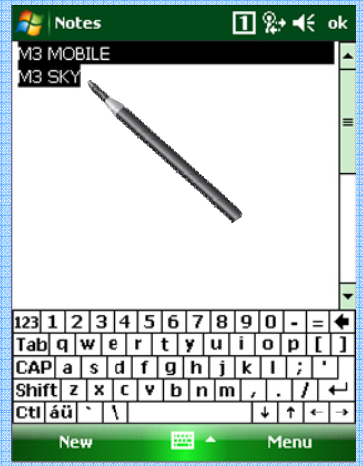
⚠ Please mind that you need to set up the standard timezone date, and time. After power off.

How to use Stylus Pen

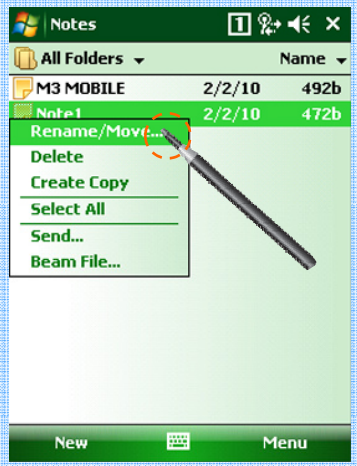
- **Tap**
  Tap the touch screen one time using a Stylus pen to select and execute items and files.



- **Drag**
  It is used when you select the text. Please drag the desired part with stylus pen attached on the screen.



- **Long Press**
  Leave Stylus pen touching the screen for long and you can select the menu on the pop-up screen.
  You can also select functions available in the designated item using the pop-up menu. The function of the pop-up menu can be different according to the program.



LED / Battery attaching/detaching

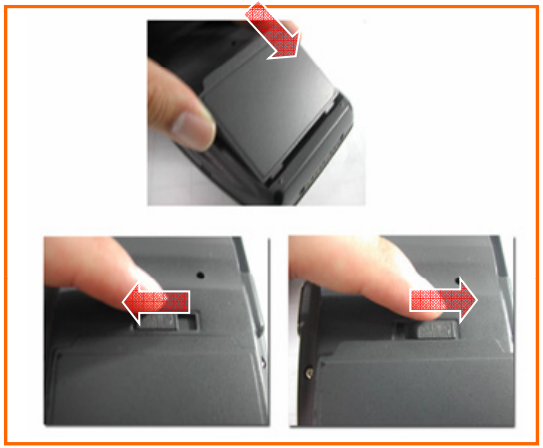
- LED Alarm
  - Informs Charging, Scanner Status.

Type	LED Status	Details
LED for charging	Red Green	Charging Charging complete
WWAN Status LED	Blue Blinking Blue On Blue OFF	WWAN Standby (within range of phone/internet) WWAN in use (phone/SMS/internet in use) WWAN is off or out of range
Scanner LED	Green	When the barcode data is successfully read

- Battery attaching/detaching
  - Attaching Battery

    As picture shown, put the battery pack to back of PDA, and lock the battery pack with locking device.
  - Detaching Battery

    Press locking device to the right, then using upper notch, detach the battery from main body.



Charging

- Connect plug-in from charger to charge jack of main body, or charge jack of cradle, and then place main body onto cradle.
- Charging LED

Type	LED Status	Details
Direct charging to main body	Red Green	Charging Charging Complete
Cradle Charging (Extra battery charging)	Red Green	Charging Charging Complete

- When charging, the status of the battery attached to main body can be confirmed by the LED left of upper corner of main body. Also the status of Sub-battery can be confirmed by the LED right of low corner of Cradle.

- Charging in Cradle

- Charging using portable adapter

⚠ Do not use any other charger except one (5.2 V / 3A) provided .

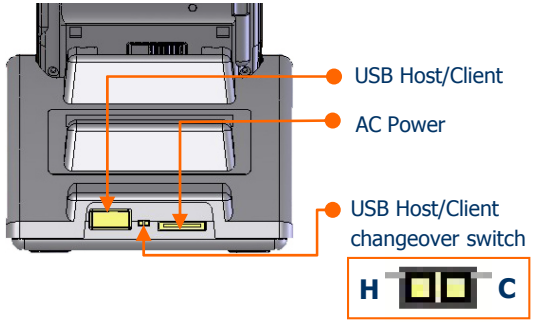
⚠ Make sure to handle it gentle; damage with excessive force may cause no warranty.

⚠ Risk of explosion if battery is replaced by an incorrect type.
Dispose of used batteries according to the instructions.

⚠ When attached battery is completely discharged, plug charger to main body, then reset the device to check if screen is back on. To use, do at least 10 minute charging.

How to connect to PC

- A cradle of M3 SKY supports charging and USB connection.
- Connecting step of cradle of M3 SKY is as following.
  - Connect charger to USB cradle. (24pin connector)
  - Connect charger to power source. (to wall)
  - Connect USB cable of USB cradle to USB port of desktop PC.
  - Place M3 SKY onto docking cradle then execute Synchronization with Desktop PC.
- The location of USB port can be at the back, front or side of PC and the shape of USB port is identical on Desktop PC and Notebook.
- USB host function is available by putting USB cable into USB port of Cradle.



Connecting to Cradle

2. Basic Usage

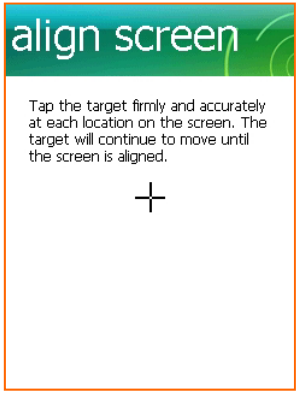
- Calibration
- Main screen
- Input Screen

Calibration (1)

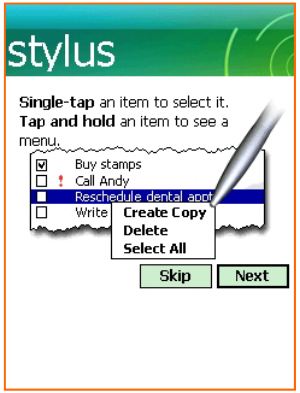
- Calibrate the touch screen as shown below, at first time use or when cold (hard) booted.

Windows
Mobile
Version 6.1
Tap the screen to set up your Windows Mobile-based device.
© 2008 Microsoft Corporation. All rights reserved. This computer program is protected by U.S. and international copyright laws.

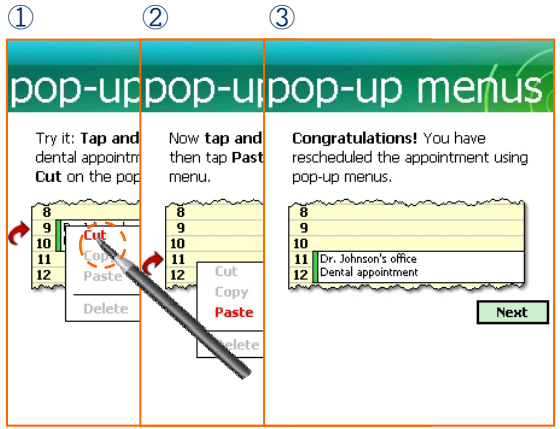
Tap the screen one time with a Stylus pen


align screen
Tap the target firmly and accurately at each location on the screen. The target will continue to move until the screen is aligned.

Tap the (+) mark with the Stylus pen as it moves around.



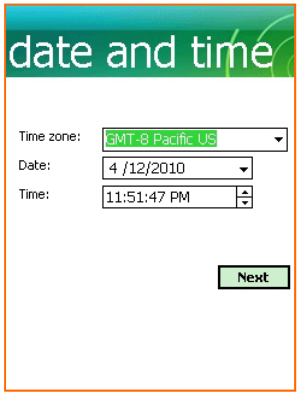
You can see the screen how to use the Stylus. If you don't need it, click the Skip.



① Press and hold the Stylus pen on the screen then select the Cut on the pop-up menu.
② Press and hold the Stylus pen like the arrow on screen, Tap the Paste on the pop-up menu.
③ When all processes are complete, click the Next.

Calibration (2)

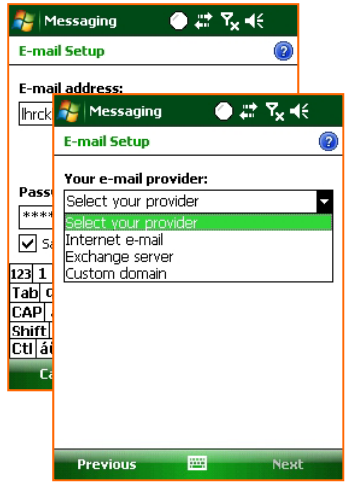
- Calibration continue....



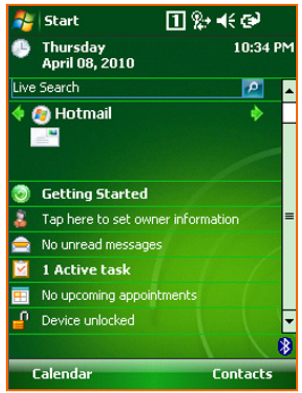
Set up the standard time zone date, and time.

To set up a password, tap 'Next' otherwise tap 'Skip'.

To set up a password set up a password type and password.



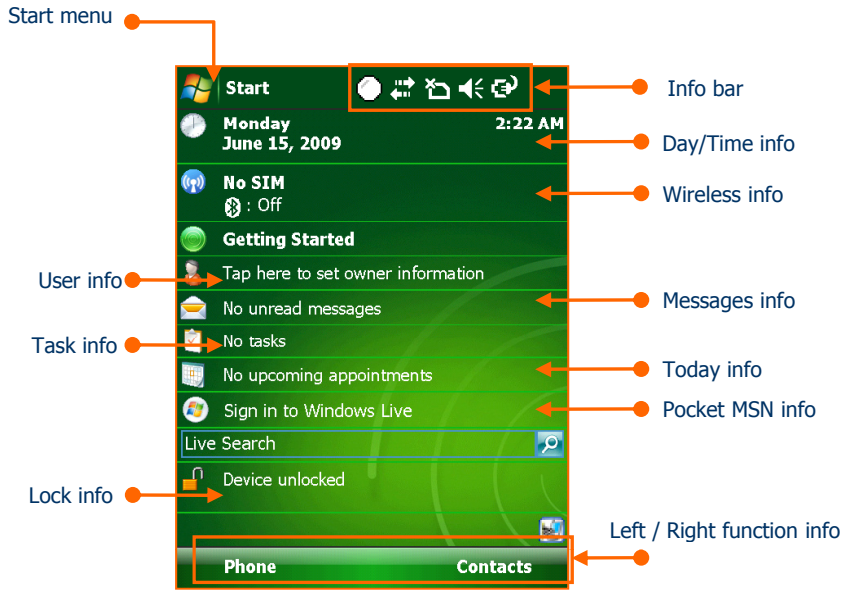
Choose outlook e-mail to set up an e-mail account and then tap the 'Next'. (POP3/IMAP/Outlook/E-mail)
If you choose outlook E-mail or POP3/IMAP and then tap the 'Next', you should set up it Step by step.



You can see the screen above after the Calibration.

Main Screen

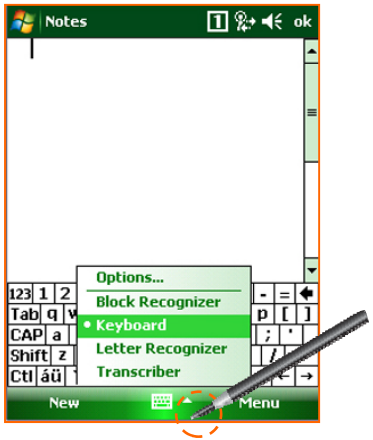
- Main screen
  - Main Screen is set below



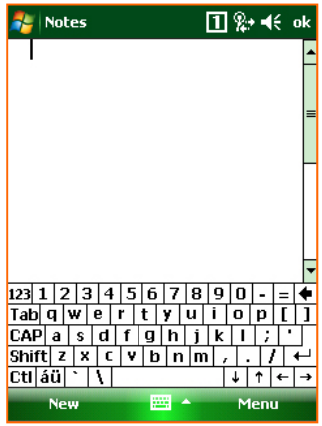
Button	function
Start menu	Select the program you want to use.
Info bar	View the power, modem, sound, input mode and connecting view.
Day/Time info	View the current date and time.
Wireless info	View the Wireless power and state.
User info	View the personal information.
Messages info	View the Messages received.
Task info	View the task information.
Today info	View the Today's information.
Lock info	View the screen / Lock information.
Pocket MSN info	View the Pocket MSN information.
Left/Right Function info	View the Left / Right information.

Input Screen (1)

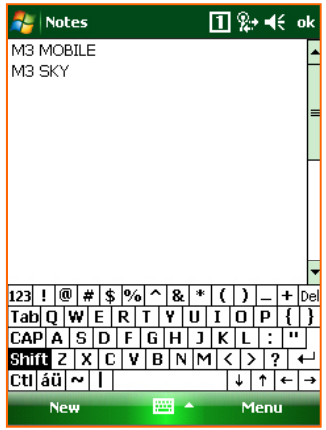
- To use Input
  - Process this program " Start > Programs > Word Mobile".
- To use the Keyboard Input



Tap the arrow next to the keyboard icon and then select the keyboard on the menu screen as a picture above.



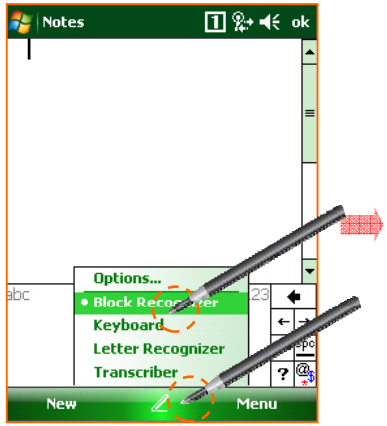
This is the Keyboard Input Screen.



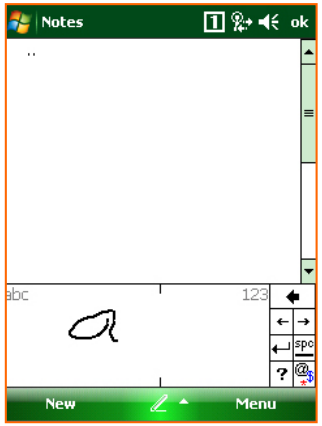
You can input the letter, number and characters when you click the each icon on the keyboard Input screen.

Input Screen (2)

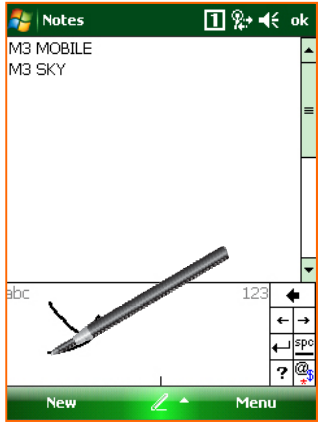
- Usage of Block Recognizer input.



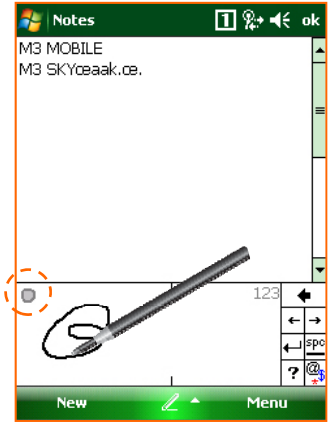
Tap the arrow next to the keyboard icon and then select the Block Recognizer on the menu screen as a picture above



It is the screen of block recognizer input.



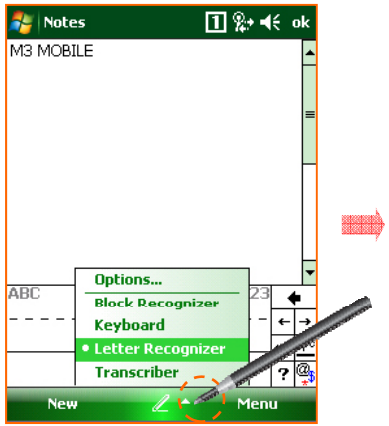
In this input screen you can input letters in 'abc' and numbers in '123 ' each in the input box seen on the screen.



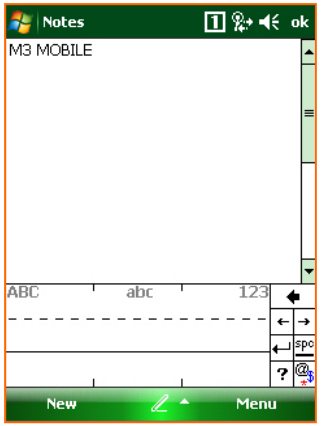
In the input screen of block recognizer you can input special letters and characters by tapping the input box once.

Input Screen (3)

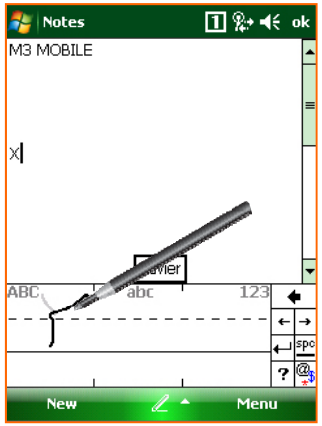
- Usage of Letter Recognizer



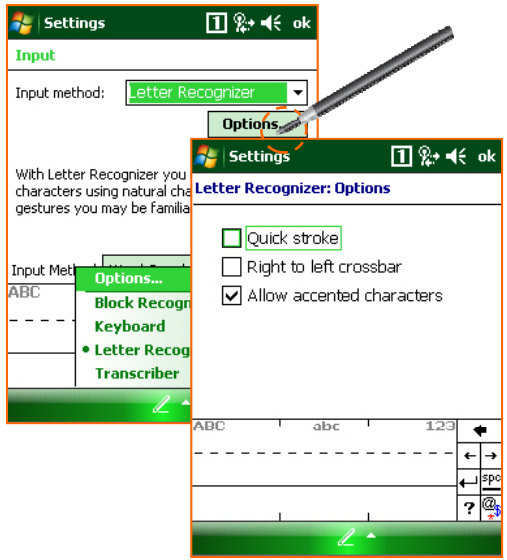
Select the arrow next to the keyboard icon and then Select the 'Letter Recognizer' on the menu screen as the picture above.



This is the 'Letter Recognizer' screen.



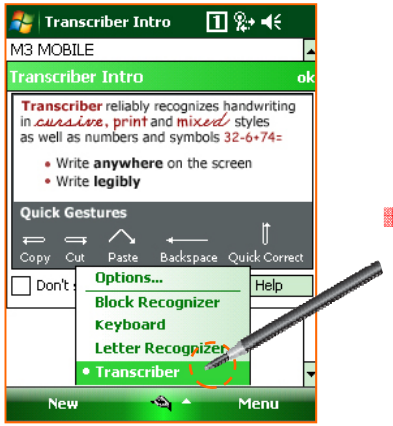
In the 'Letter Recognizer' input screen, you can input the capital letters in 'ABC', the small letters in 'abc' and numbers in '123' each in the input box seen on the screen.



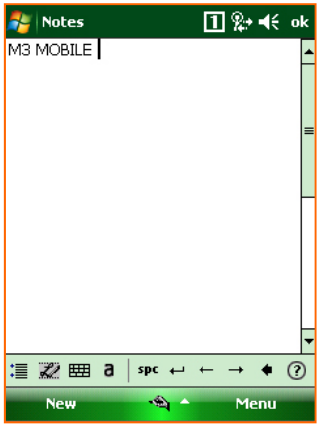
Please choose 'Options…' on the input menu. Select 'Letter Recognizer' as input method and then click 'Options…'. Here you can configure the input modes.

Input Screen (4)

- Using transcriber input
  - Transcriber is a writing recognizer program. It provides you various writing input and input menu.



Select the arrow next to the keyboard icon and then select the Transcriber on the menu like the picture.

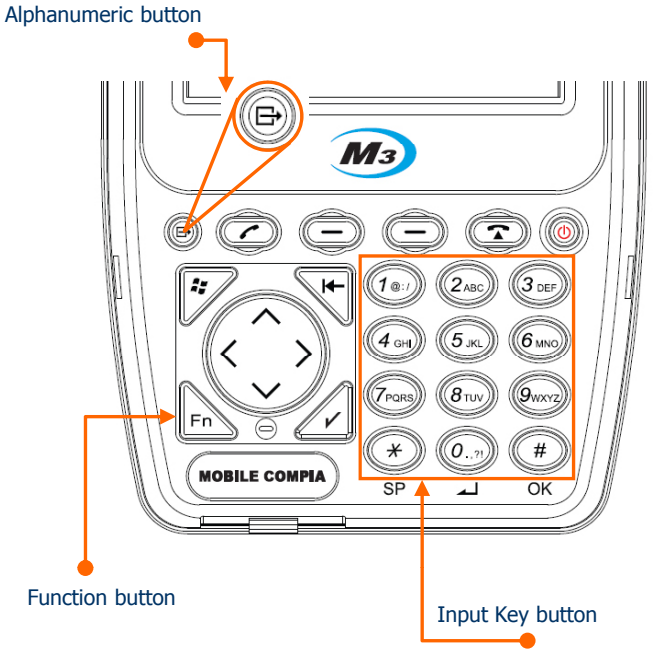


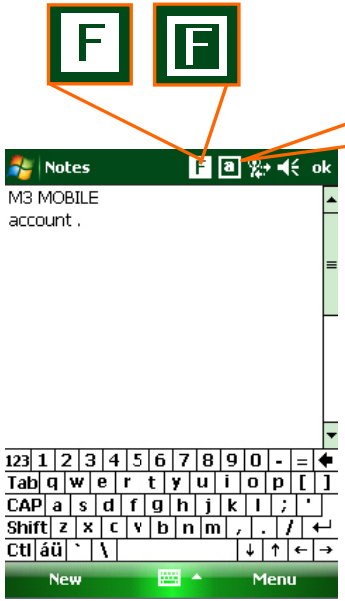
This is the Transcriber input screen.

If you input letters, numbers and characters on the screen with the stylus pen, it would be written automatically on the place where the cursor is blinking. You do not have to concern about the input box when using transcriber.

Input Screen (5)

- Input by using Keypad
  - You can input numbers and letters by using Keypad.



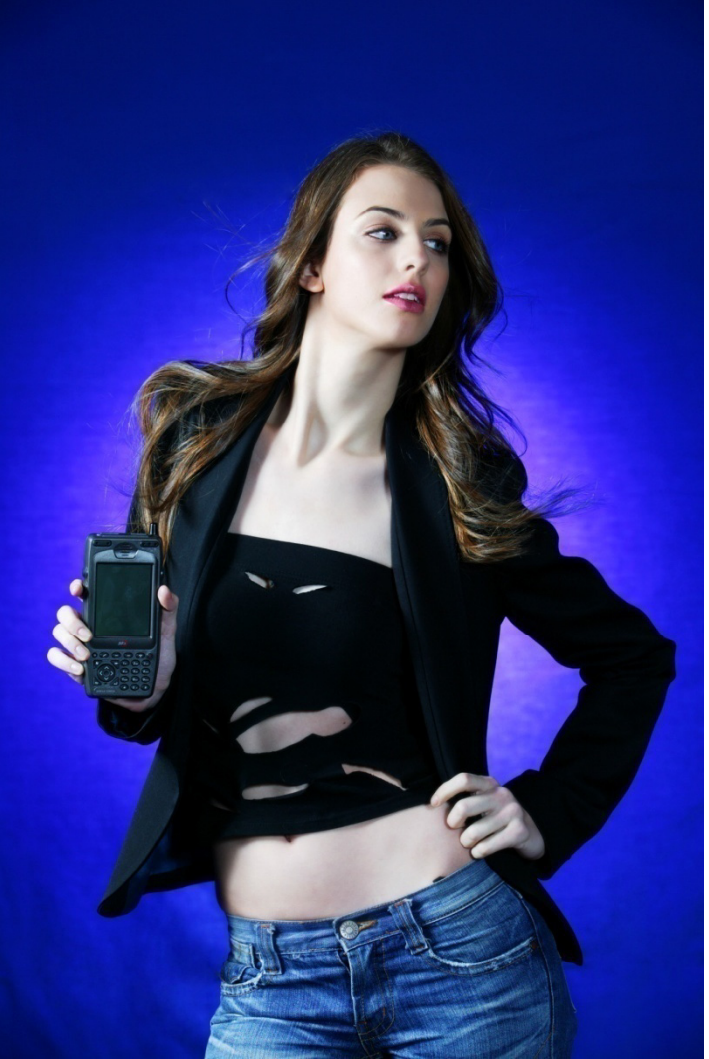


Convert '1 ,A, a' using the input convert button on the input screen as the left picture. Then you can input capital letters, small letters, numbers and characters using keypads.

For example, in the case of inputting the M3 SKY, Convert to 'a' > Keypad 6 > convert to '1'> Keypad 3 > Convert to 'A' > Keypad 7(4 times) > Keypad 5(twice) > Keypad 9 (3 times)

By pressing '*', '0','#' while 'Fn' button is pressed, you can apply 'Space', 'Enter' and 'OK' function respectively.

Pressing 'Fn' Key will change the function mode in following order : 'Fn' one time mode -> 'Fn' hold mode -> 'Fn' disable mode



3. ActiveSync

- ActiveSync Introduction
- Installing ActiveSync
- Synchronization of Data

ActiveSync Introduction

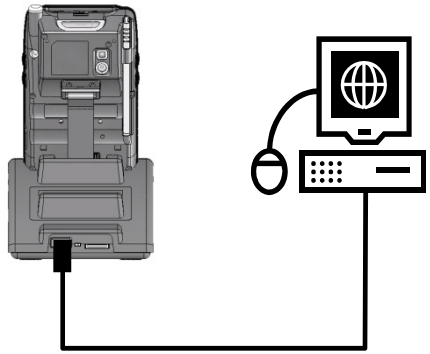
- Sync is an abbreviation of "Synchronization" and refers to the process of making data in PDA and desktop computer to be same by linking both data.
  - Sync is an abbreviation of 'Synchronization" and refers to the process of making data in PDA and desktop computer to be same by linking both data. When either PDA or PC modifies data, it updates others to the most recent data.
  - Not all the data is synchronized at same time. It follows the option settings of ActiveSync, provided by Microsoft.
- By linking M3 SKY and computer, you can make data in both devices in the same status (synchronization) or install, copy, move, delete programs for business purpose and others.
- It is compulsory to install this program in order to install business programs, synchronize data, back up and synchronize contact numbers in an address book, etc.

⚠ Do not connect USB of Cradle to desktop PC before installing Active Sync to desktop PC.. It may cause a desktop PC cannot recognize PDA since Active Sync contains PDA program driver.

ActiveSync install / connect

- To install ActiveSync
  - Select the ActiveSync program in the CD provided, and then install it to the computer.
  - Once the installation is complete, connecting window will start. Connect the cradle with PC using USB cable, and then dock the device on the cradle.
  - When the device is recognized on the PC, Connection will be established after assigning the port for it automatically.
- The definition of Partnership
  - It is the process of paring PC with PDA in order to exchange the data each other. Via this process, the data on the PC and on the PDA can be synchronized.

※ The synchronization is available with Outlook 2003 or above version. It is not supported on the outlook express which is provided together with Windows OS.



USB connection to PC

⚠ Please re-try the synchronization if connection is disturbed by strong noise or static.
–To install ActiveSync on the host computer, download version 4.1 or higher from the Microsoft web site at http://www.microsoft.com. Refer to the installation included with the ActiveSync software.
–Microsoft recommends installing ActiveSync on the host computer before connecting the mobile computer.

Synchronization of Data

- If you see the Microsoft ActiveSync window in the desktop PC, you can find an option icon. If you click this option icon, taps such as "Sync Options", "Sync Mode", "Rules" will appear.

- "Sync Options" is a menu that you can select an item to synchronize.
  - Contact, Calendar, E-mail, Tasks, Memo, Favorite, Files, Media, etc.

- "Sync Mode" enables you to choose synchronization methods. According to the selected synchronization mode, there are 3 following methods:
  - Continuously while the device is connected: In this mode, if you want to carry out synchronization, connect the device to the desktop computer. ActiveSync will immediately start synchronization and synchronize according to the user's input of changes in a computer or the device.
  - Only upon connection: If you want to carry out the synchronization after the first synchronization on a manual basis, click Sync.
  - Manually: In this mode, ActiveSync will not run automatically. In order to carry out synchronization, click Sync.

- Synchronization is the process of updating M3 and desktop PC after comparing their data. Any files including personal organizer management data, etc in M3 can synchronize with those in the desktop PC.

When Troubleshooting the ActiveSync, Check the solutions below.

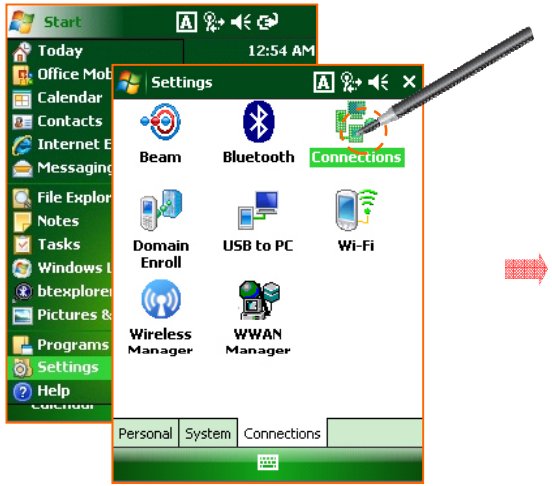
- Ensure the correct USB cable is used in the cradle with USB port of the PC.
- Ensure the power input cable of M3 Sky or LCD.
- Please re-try the Synchronization after Soft-reset or Hard-reset. Finish the running program and save the data for sure before resetting.

4. How to use Internet

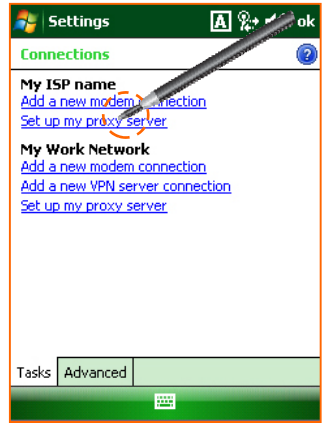
- Via Wireless WAN
- Via Wireless LAN
- Browsing the Web Site

Via HSDPA (1)

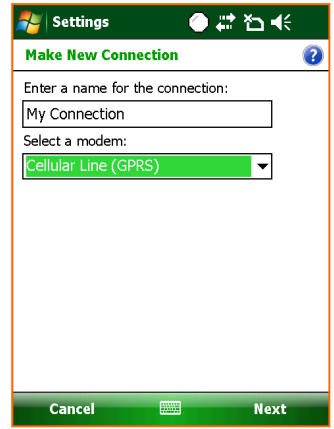
- To connect to the Internet via Wireless WAN (1)



Tab 'Start > Settings > Connections'



Select 'Add a new modem connection' of 'My ISP' in the 'Connections'.

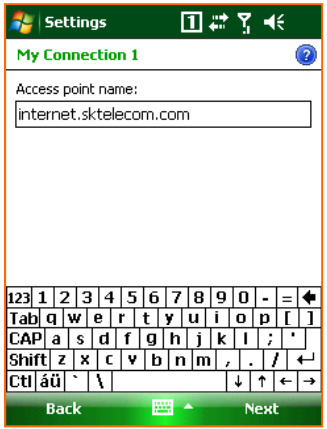


Put the name you want into the 'Enter a name for the connection'. Then select the 'cellular Line(GPRS)' in the 'Select a modem'.

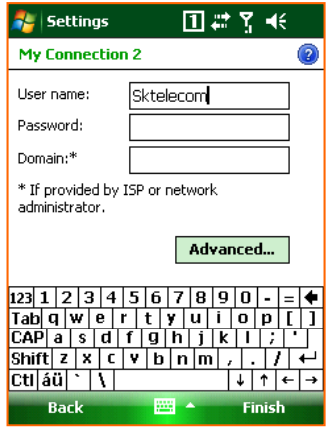
⚠ WWAN service is optional.
⚠ It is not available in the device which does not have WWAN module installed.

Via HSDPA (2)

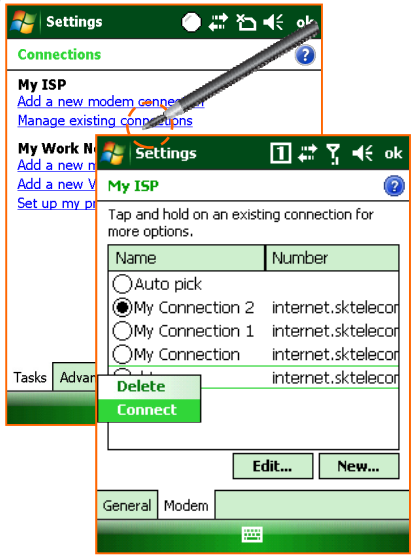
- To connect to the Internet via Wireless WAN (2)



Input the Access point name suitable to the SIM Card / Operator company of Network then Tab the 'Next'.



Tap the 'Finish' after input the User name and password according to the setting.
(In some cases, it is required to set IP address at the advanced menu.)



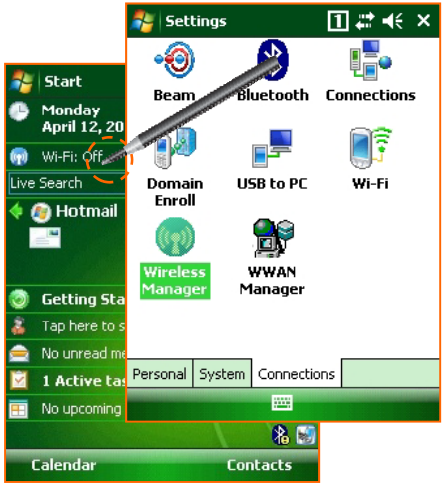
Select the 'Manage existing connections' on the Connections. Choose the ISP which you want to connect to as picture above.
* The saved settings automatically applied at connecting.

You can explore the Internet using WWAN connection.

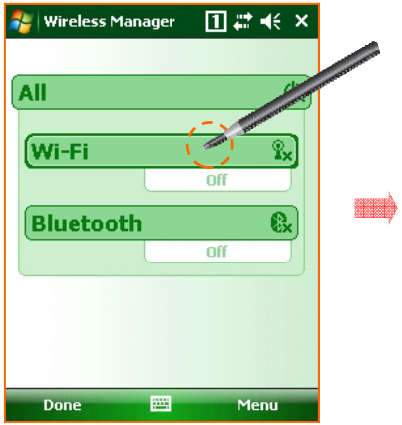
Via Wireless LAN (1)

- You can use the Wireless Network Via Wireless LAN.
- M3 SKY supports IEEE 802.11b and 802.11g.
- To connect the Wireless LAN (AP must be on and functioning)

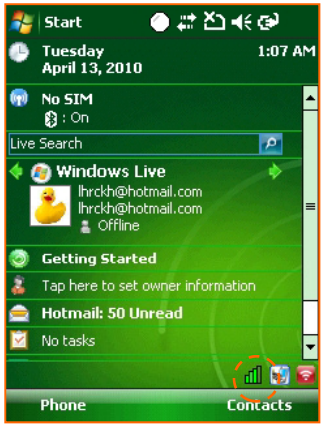
To connect directly on the Main Screen



On the Today Main screen, you select Wireless state bar or go to 'Start > Settings > Connections>' Wireless Manager.



Tap the WI-Fi on the 'Wireless Manager' to turn WLAN on.

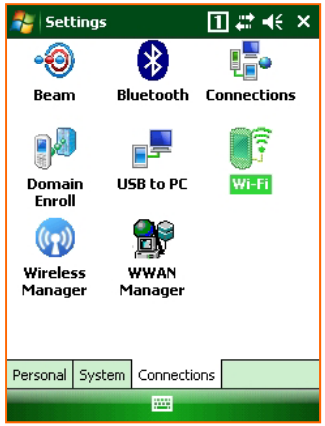


When the dialogue box is appeared, Select the AP you want and then, you can connect the Network with it.

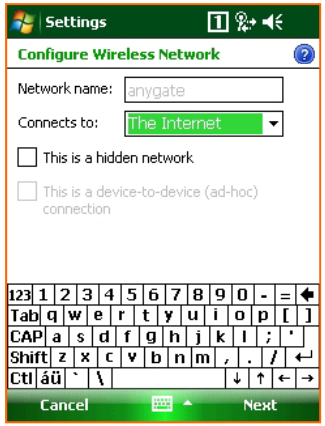
⚠ Wireless LAN is optional. You can only use WLAN, when the WLAN module is built in to the device.

Via Wireless LAN (2)

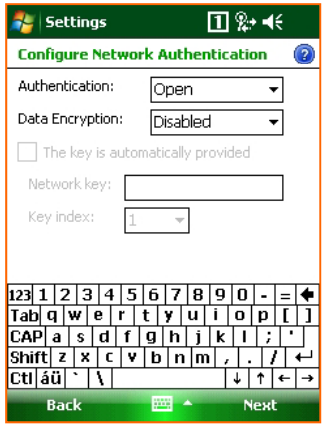
- To connect via Wi-Fi menu



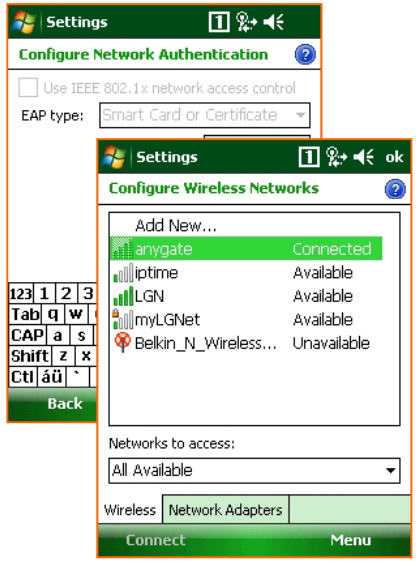
On the settings screen, you select Wi-Fi Icon.
You can also tap Start > Settings > Connections>Wi-Fi.



Configure the connect type then click the 'Next'.



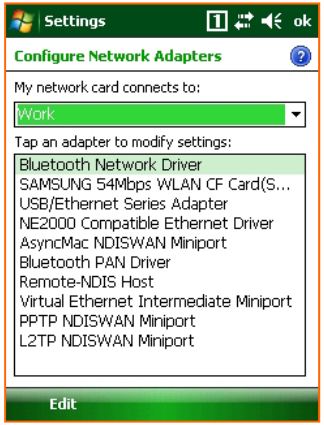
Configure the connect type then click the 'Next'.
Input the authentification data then click the 'Next'.



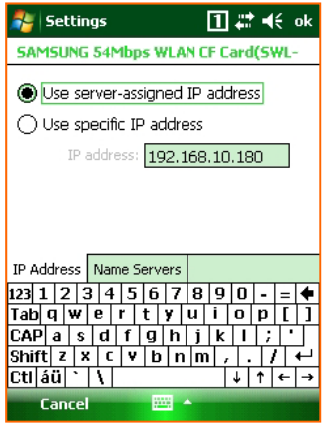
After configure Network authentification, tap the 'Finish'. You can see the wireless Networks available.

Via Wireless LAN (3)

- Continue from the last page
  - Configure DHCP / Static IP



Tap an adapter to modify setting on the wireless LAN card and select the 'Edit'.

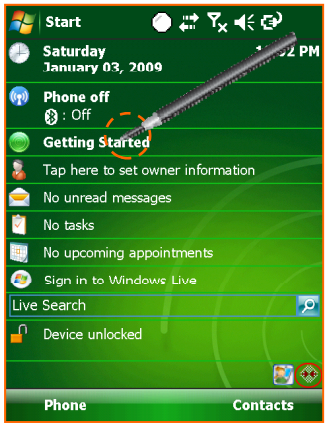


If you configure the IP as DHCP,
Click the 'Use Server-assigned IP address.
If you configure the IP as Static,
Click the 'Use Specific IP address.

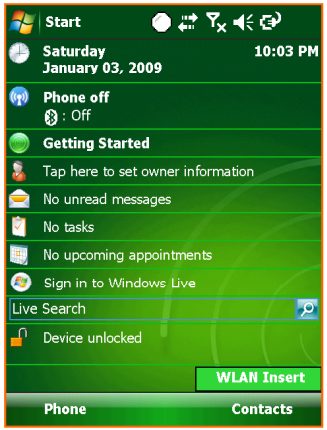
Via Wireless WLAN (1)

- You can use the Wireless Network Via Wireless LAN.
- MM3 supports IEEE 802.11b and 802.11g.
- To connect the Wireless LAN (AP must be on and functioning)

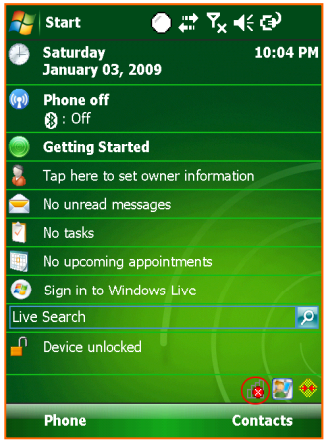
To connect directly on the Main Screen



On the Today Main screen, you select Wireless state bar or go to 'Start > Settings > Connections>' Wireless Manager.



Tap the WI-Fi on the 'Wireless Manager' to turn WLAN on.

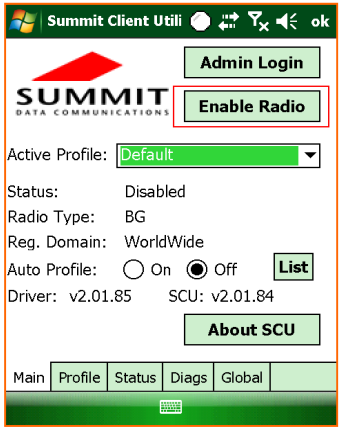


When the dialogue box is appeared, Select the AP you want and then, you can connect the Network with it.

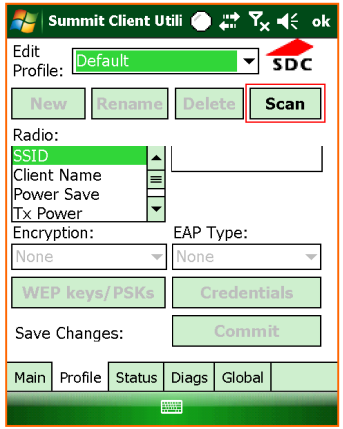
⚠ Wireless LAN is optional. You can only use WLAN, when the WLAN module is built in to the device.

Via Wireless WLAN (2)

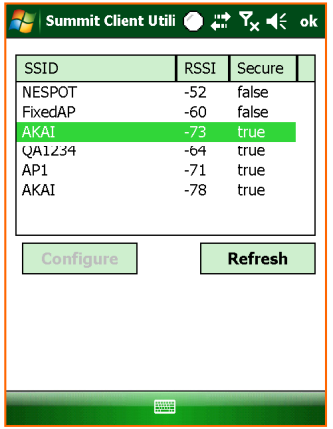
- To connect via Wi-Fi menu



On the settings screen, you select Wi-Fi Icon.
You can also tap Start > Settings > Connections>Wi-Fi.



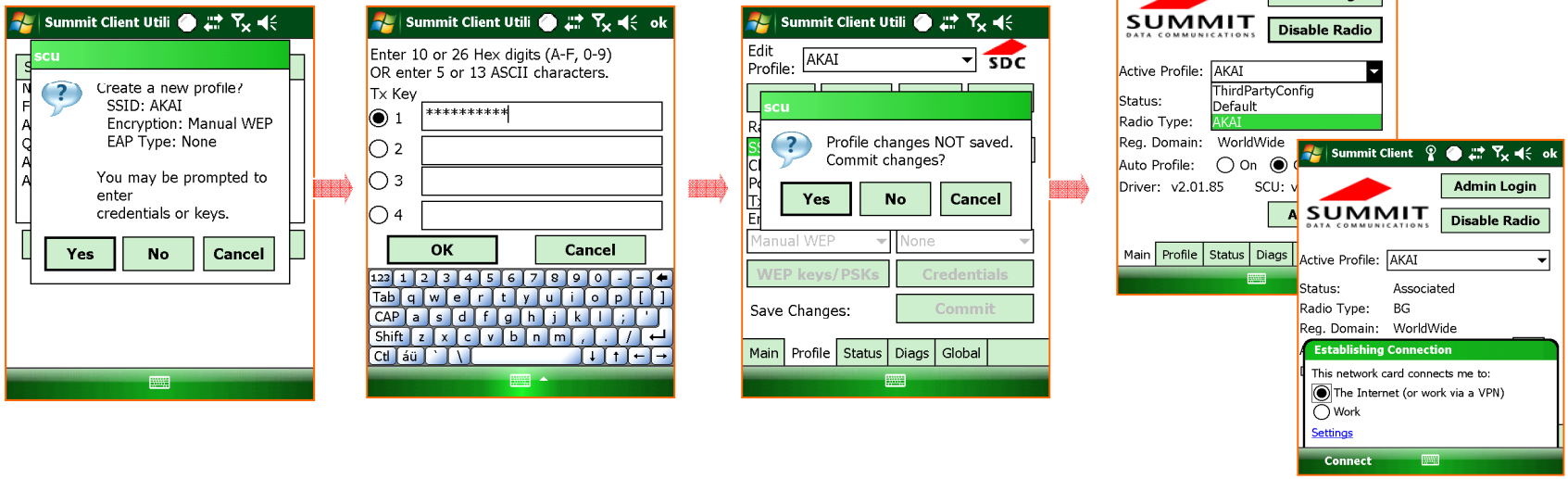
Configure the connect type then click the 'Next'.



After configure Network authentification, tap the 'Finish'. You can see the wireless Networks available.

Via Wireless WLAN (3)

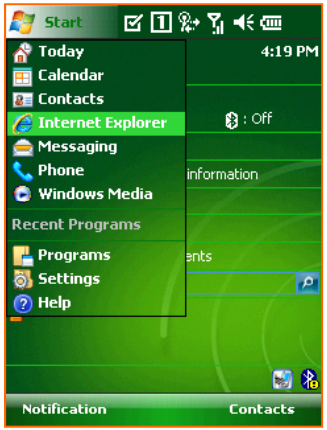
- Continue from the last page
  - Configure DHCP / Static IP



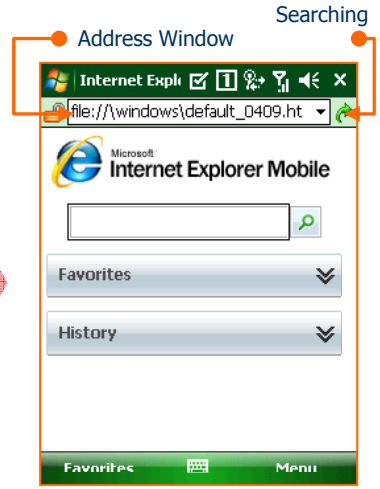
Browsing the Web Site (1)

- Microsoft Internet Explorer
  - Via Wireless WAN , Wireless LAN and Active sync connection, you can browse the web.
  - You can download programs and files by accessing the Internet.

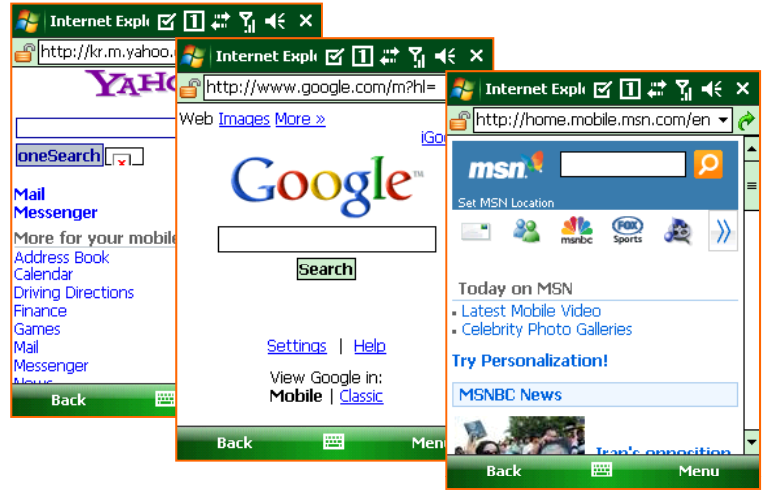
To use the Internet Explorer



Tap 'Start > Internet Explorer



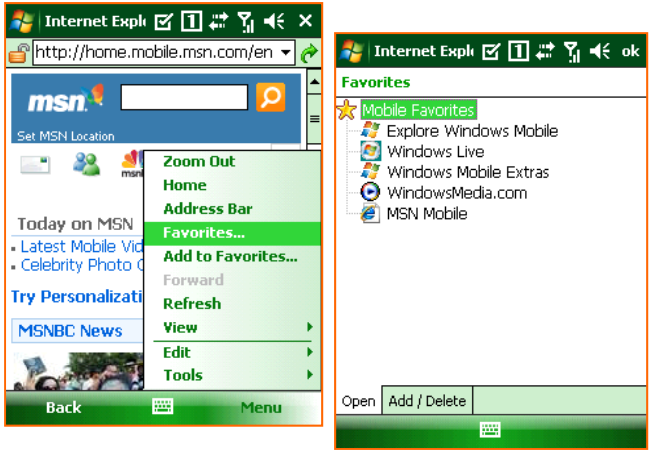
This is the Internet Explorer processing screen.



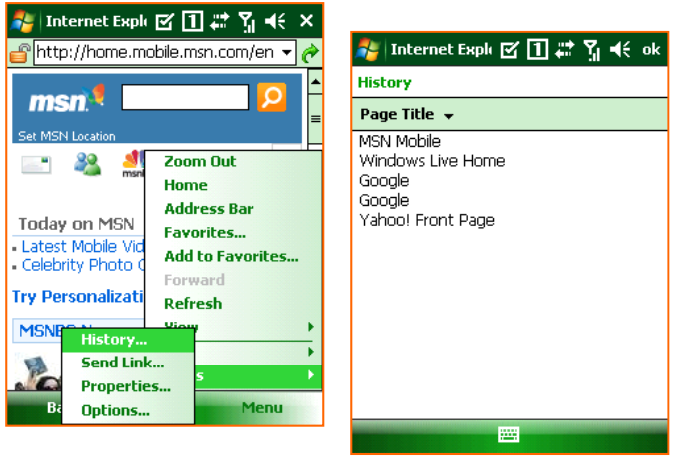
Input the address you want on the address window in upper of the screen, then click the 'search'. It will try to connect to that web address via Wireless network that is connected.

Browsing the Web Site (2)

- Continue from the last page.



On the 'Menu > Favorites...' you can see the list of sites that you have saved and browse to it directly. The favorite page is like the picture above.

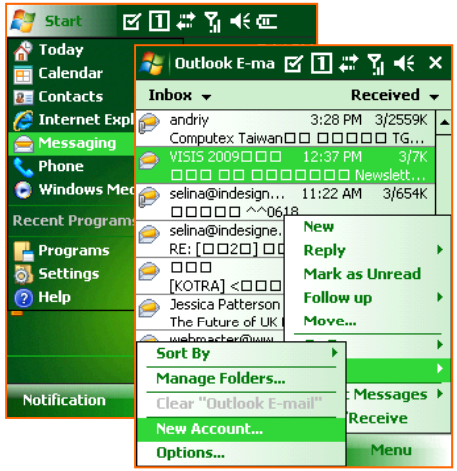


On the Menu > History... You can see the list of sites that you have recently visited. The history page is like the picture above.

⚠ See the 'Start > Help' if you want to know more about how to use the Internet Explorer

Browsing the Web Site (3)

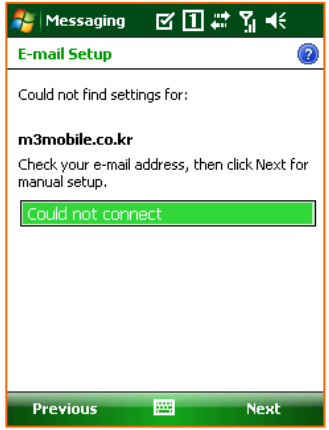
- To set up an e-mail account



Process the 'Start > Messaging'. Select the 'Menu > Tools > New Account...in the outlook E-mail box.

Set an E-mail provider for 'other' then tap 'Next.'

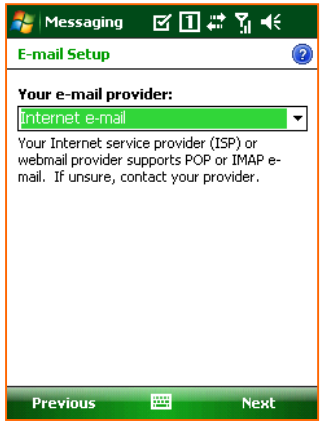
Input the E-mail address on the Enter e-mail address , then tap ' Next '.



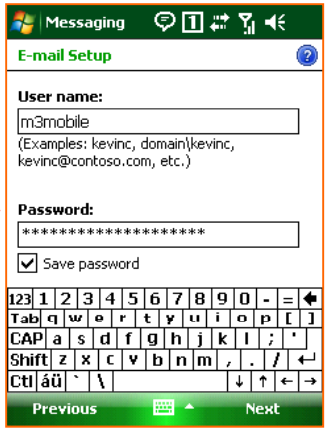
When the Status is for completed, tap the 'Next'.

Browsing the Web Site (4)

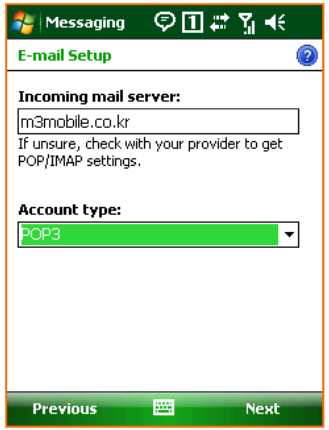
- Continue from last page


Messaging
E-mail Setup
Your e-mail provider:
Internet e-mail
Your Internet service provider (ISP) or webmail provider supports POP or IMAP e-mail. If unsure, contact your provider.
Previous
Next

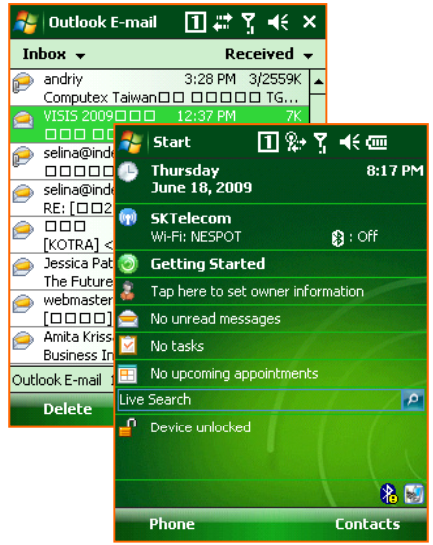
Set an E-mail provider for 'other' then tap 'Next'.



Select the Account Type and put the Name then tap 'Next'.



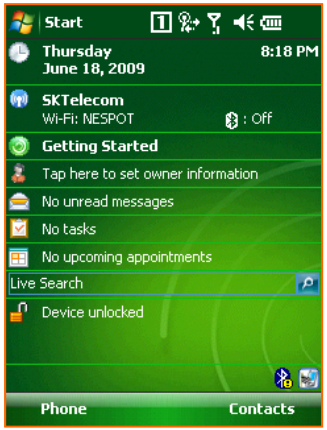
Input the 'Incoming mail, Outgoing mail, Domain' then select 'Finish'.
* For detailed setting menu, please click 'Options'.

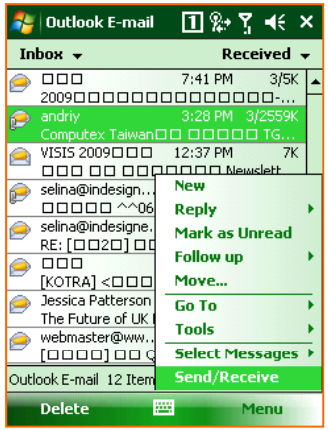


After finishing the setting you can send and receive E-mail using the e-mail account.

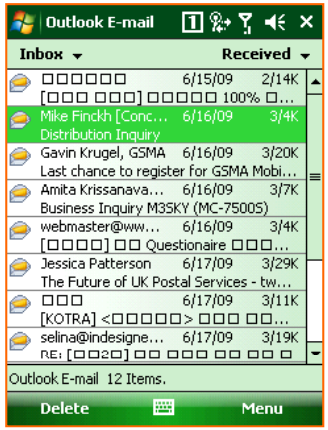
Browsing the Web Site (5)

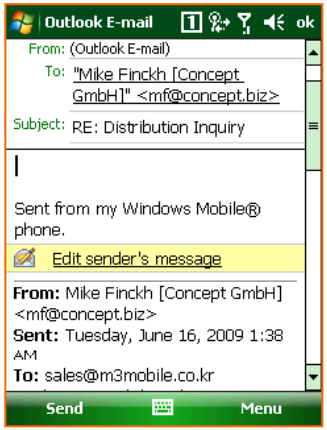
- To send and receive an E-mail





< To receive an e-mail>
Select the 'Message' on the 'Today'
Select the 'Send / Receive' in the 'Menu' and check the received mail.





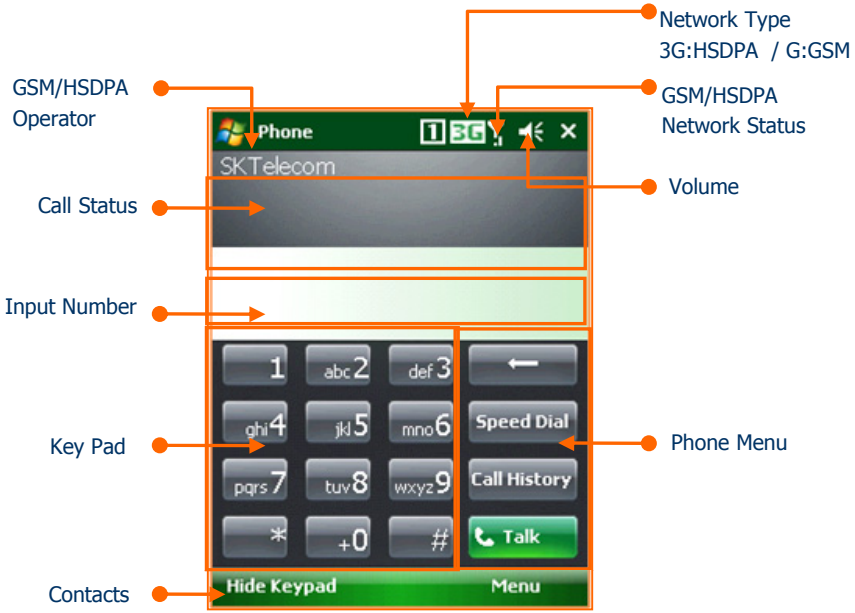
<To send an e-mail>
After process the 'Message' program , select the 'New' .
You can send an e-mail when you select the 'Send' after writing a new e-mail.

5. How to use the Phone

- Init Screen
- Phone Control
- Phone call and receive
- Phone book
- SMS send and receive
- Phone functions
- Phone setting

Init Screen

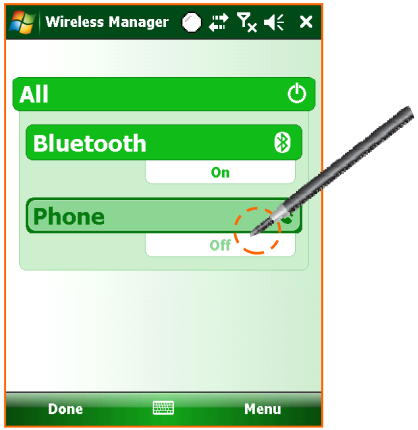
- Phone Main Screen



GSM/HSDPA Operator	It indicates the current Network Provider.
Call Status	It shows Call Status.
Input Number	It shows Inputted Numbers.
Key Pad	It is used to dial the number and can be used as speed-dial.
Contact	It shows Phone Book Dialog.
Network Type	It displays the availability of GPRS and EDGE, GSM, HSDPA connection.
GSM/HSDPA Network Status	It indicates the signal strength.
Volume	It is Volume on/off and vibrate
Phone Menu	Talk, End, Speed Dial, Call History, etc menu…

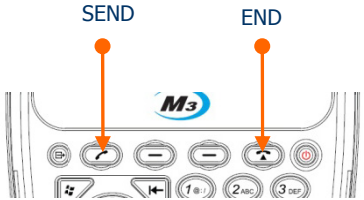
Phone Control

- Phone Program On/Off

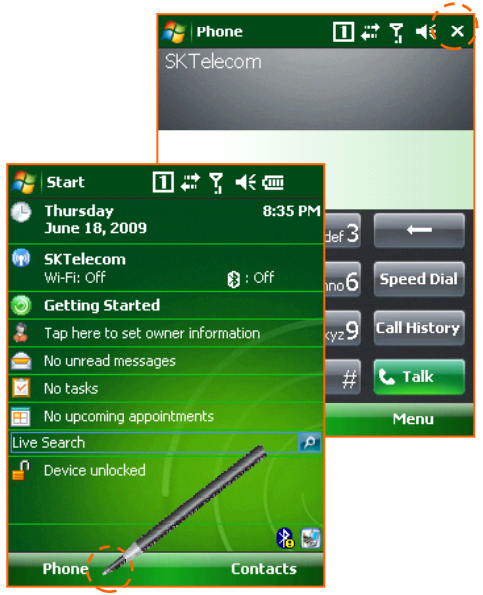


You can turn on and off phone in Wireless Manager

- Phone Call Send/End



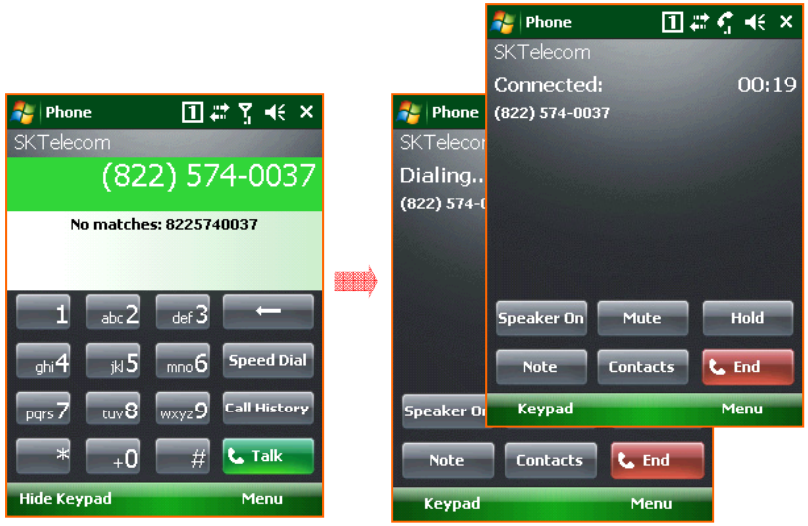
Select the SEND and END button like the picture above to start and finish the Phone program.



Tap the Phone button on the left bottom of the Today Screen and then you can process the Phone program. Also you can finish the program using the X button.

Phone Call and Receive

- Phone Call



To make a call:
1.Input number via program keypad or device keypad.
2.Make a call by pressing the 'Talk' button on the program, or pressing 'SEND' button on the device.

To hang up:
Press the 'END' button on the program or on the device.

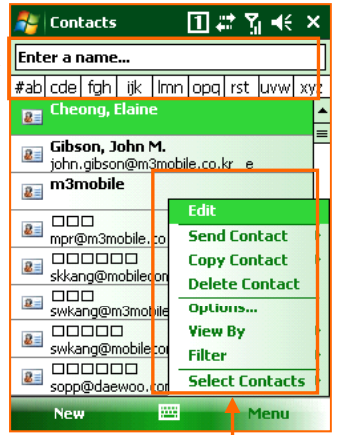
- Phone Receive

When you get the Incoming Call, you can receive the phone call tapping the Answer button. If you don't want to receive it just tap the Ignore button.

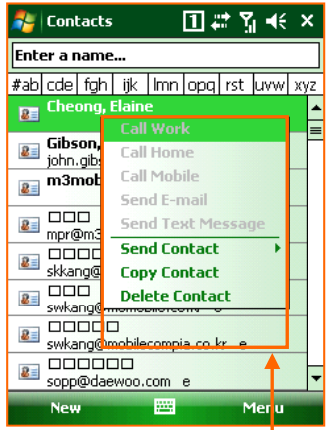
Phonebook

- To use Phonebook

Searching
A name or
Number.



Contacts Menu

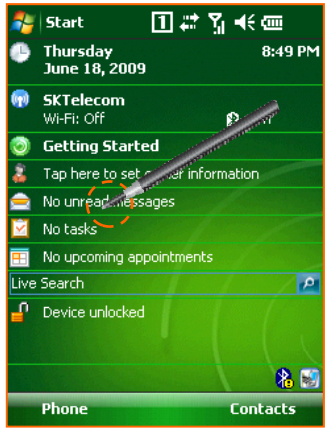


Contacts Option

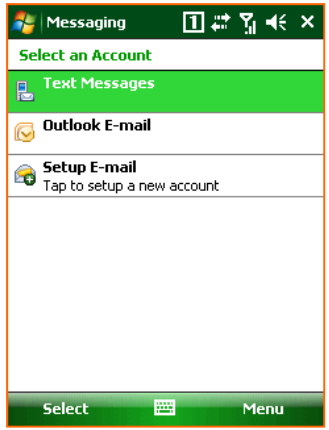
Searching Contacts		You can search the contacts by writing the name and number or tapping.
Contacts Menu	New Contact	Input the new contact
	New SIM Contact	Input the contact to the SIM Card.
	Send Contact	Transmit the information of Contact by BEAM or SMS.
	Copy/Delete	Copy or delete the Contact
	Options	Set the Options for Contact.
	View By	See the Contact by Type (Name , Company, Number …)
	Filter	Filter the information you want.
Contacts Option	Call W/H/M	Call by the number on the Contact.
	Send E-mail	Send an E-mail by the address on the Contact.
	Send SMS	Send SMS by the number on the Contact.
	Add to Speed Dial	Add the number on the Contact to Speed Dial.
	Send Contact	Send the information of Contact by BEAM or SMS.
	Copy/Delete	Copy and Delete the Contact.

SMS send and receive (1)

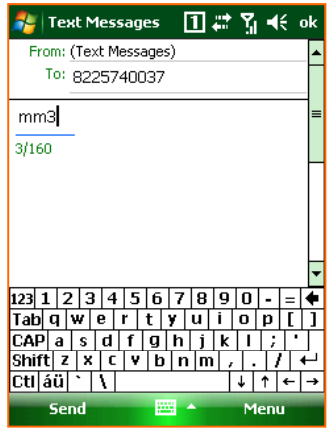
- How to send SMS



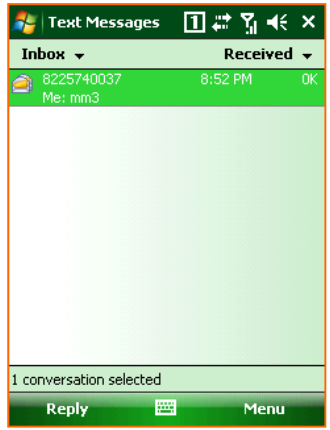
Select 'message information' menu on the main screen to send SMS. You can also send SMS by selecting 'SMS send' menu on Contacts or any other applications.



Change to the 'Text Messages' on the Message Program like the picture above and tap the 'New' on the bottom.



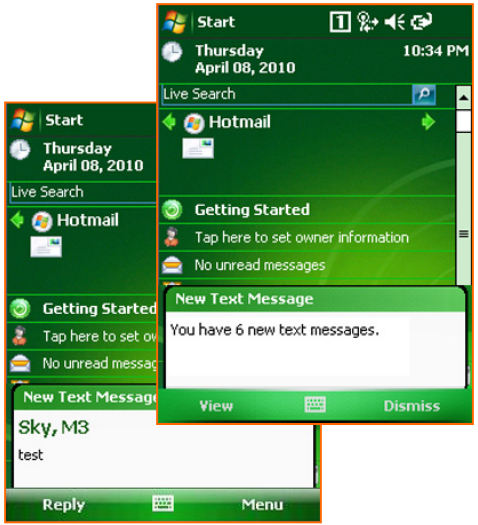
Input the phone number and message. Tap the send to send SMS.



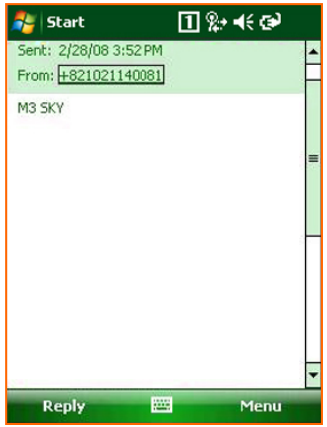
You can see the pop-up screen when SMS is sent successfully.

SMS sent and receive (2)

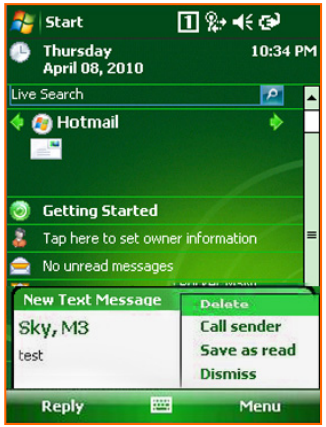
- How to receive SMS



When connected to the GSM/HSDPA network, new message arrival will be alerted a picture above.



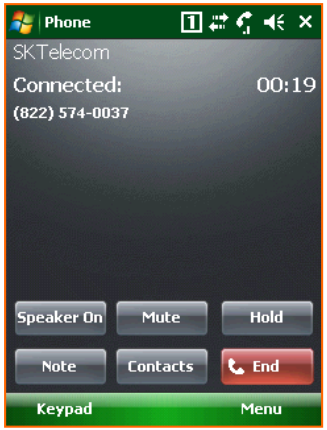
By tapping one of the received messages, the content will be displayed on the separate window as picture above.



Controlling received SMS can be done by using the menu on the 'New Text Message' alert window or on the Text Messages program.

Controls while on the phone

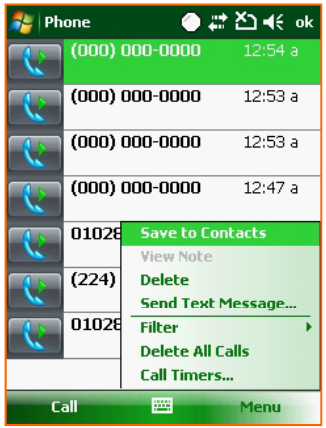
- Functions while on the phone



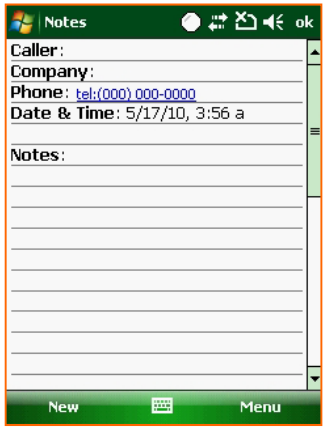
You can use various functions when you select the button on the bottom while talking on the phone.

Keypad	Change to Mode available to input the Number on the screen.
Mute	Setting for receiver not to hear my voice while on the phone.
Hold	Hold for a moment while on the phone
Contact	Move to Contact
End	End phone call

Featured functions while on the phone



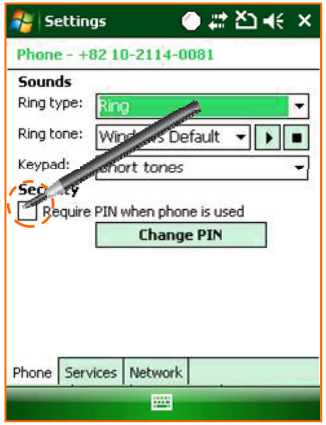
You can see the list of recent calls by selecting 'Call History'.



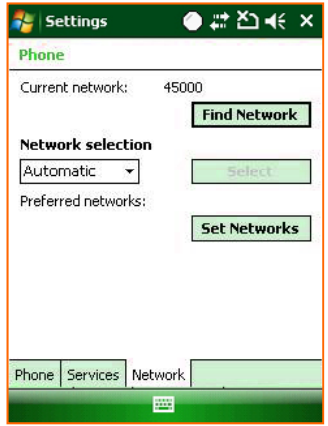
You can take a memo While talking on the phone by selecting the Note.

Phone setting

Phone setting



Tap the 'Start > Settings > Personal tap > Phone' and in that menu you can set the Security and Sounds. Check the 'Require PIN when phone is used' check box when PIN lock is required.



Tap the 'Start > Personal Tab > Phone > Network' to set an information related to the Network. (Change the Network ..)

Tap the 'Start > Personal Tab > Phone > Services Tab ' to set an information related to the Service. (In the Network or SIM)

Call Barring	Block the calling to the specific number.
Caller ID	Turn on or off the Caller ID function. If it is enabled, your number will be shown to the receiver.
Call Forwarding	You can forward the incoming call to the other number.
Call Waiting	You can receive another call while you are talking on the phone.
Voice Mail Text Messages	Set the SMS Service Center number and Voice Mail number.
Fixed Dialing	Limit the available phone functions using PIN2.

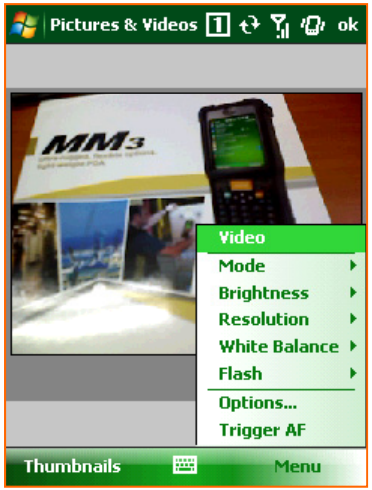
Description of Service Menus

6. Usage of Device

- Camera
- Bluetooth
- BTExplorer
- IrDA
- GPS
- Scanner
- RF-ID

To use the Camera (1)

- Notice before taking pictures
  - The camera equipped with the M3 Sky is supported 2 mega pixels.



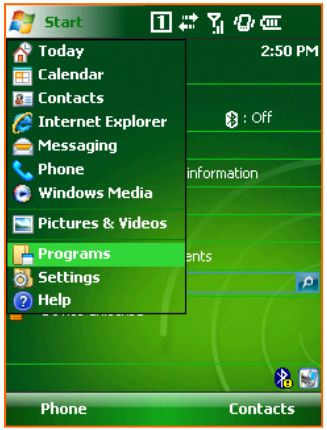
Camera Program Processing Screen

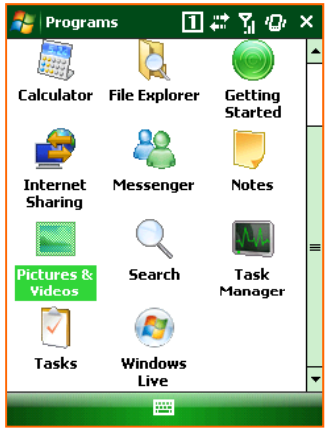
Function	Still	Video	Comment
Mode	Normal, Burst, Timer	N/A	Setting for taking photo
Brightness	-3, -2, -1, 0, +1, +2, +3		Setting for Brightness
Resolution	QCIF, QVGA, CIF, VGA ,SVGA, SXGA, UXGA	QCIF, QVGA	Setting for size
White Balance	Automatic, Sunny, Cloudy, Fluorescent, Incandescent		Setting for White balance
Flash	Flash ON, Flash OFF		Setting for Flash ON/OFF
AF	Trig AF		Setting for Auto Focus

⚠ Camera is optional. On the device with no built-in camera, Camera function can not be used.
⚠ QCIF(176x144), QVGA(320x240), CIF(352x288), VGA(640x480), SVGA(800x600)
SXGA(1280x960), UXGA(1600x1200)

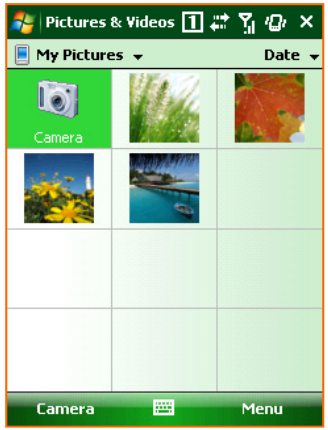
To use the camera (2)

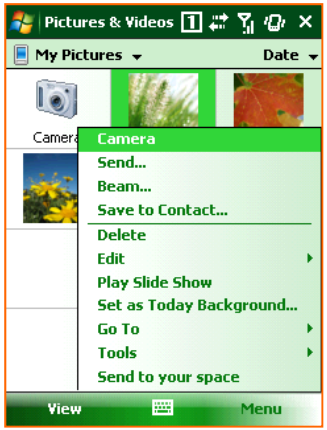
- To process the camera program
  - You can process the camera program when you tap the camera button or tap the camera icon on the 'picture or video'.





Select the 'Start > Programs > Pictures & Video.



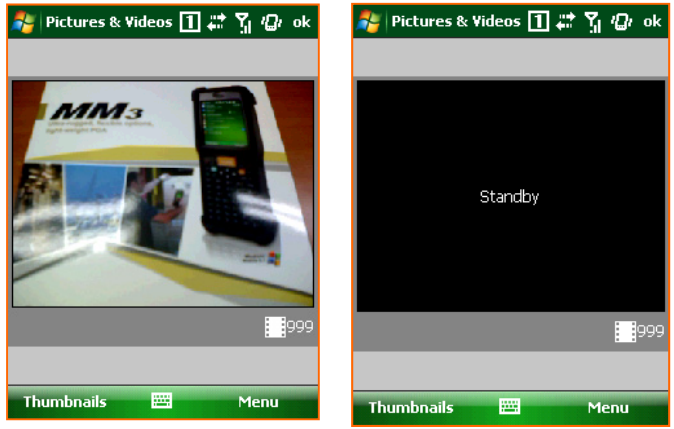


You can process the camera program when you select the camera icon on the Picture & Video or select the camera icon in the menu.

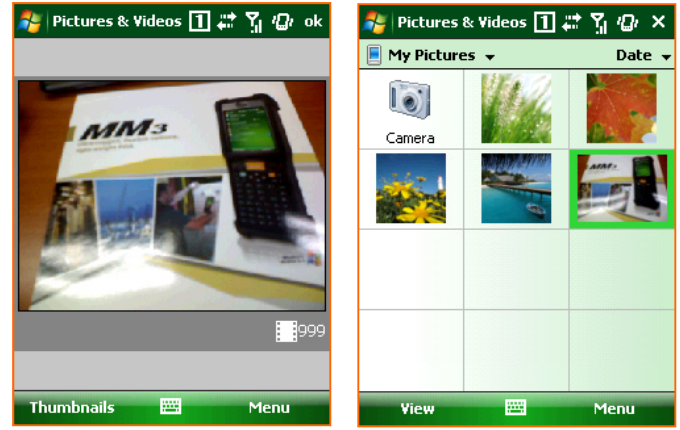
⚠ Tap the 'Menu > Options … > Camera Tab' and then you can set the route of the storage memory , name and quality. You can set the Video on the Video Tab.

To use the camera (3)

- Taking a Still photo



Execute the camera program first. Move around to focus the desired item.
Finally press the camera button to take a picture.
After executing the camera program , Preview mode will be changed to standby mode after certain amount of time.
In order to start Preview Mode again, just tap the screen or press the camera button.



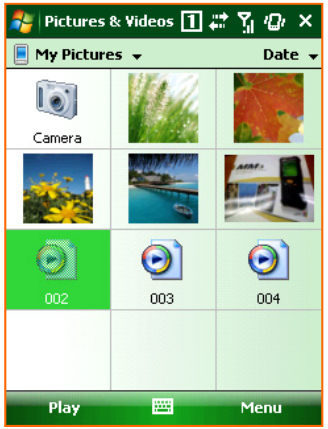
After taking a picture, the captured image will be displayed on the screen.
If you want to execute the camera program, tap the camera button at the bottom or click the camera icon on the left of window.
You can see the list of pictures taken previously by tapping 'Thumbnails' in the Camera shooting mode.

To use the camera (4)

- Taking videos

If you want to take a video, select 'Menu > Videos' after executing the camera program.

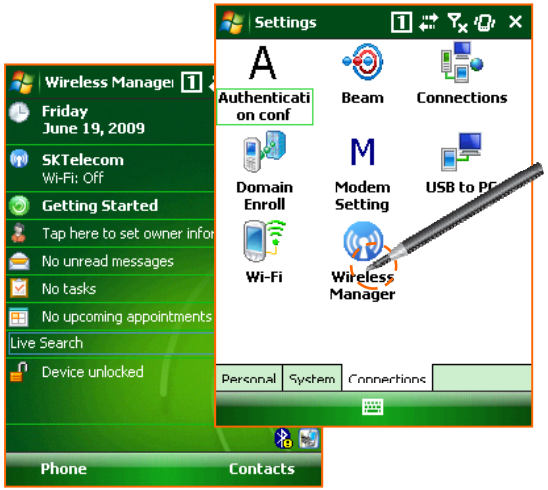
While taking a video, you can either stop (by tapping stop button) or pause. (by tapping pause button)



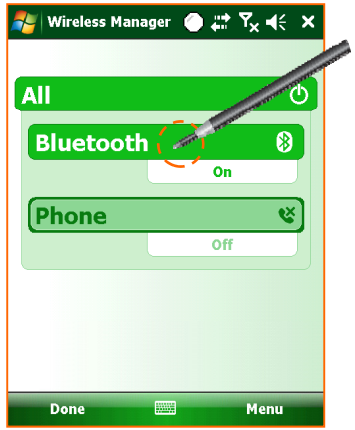
If you want to watch the video taken, Select the 'Thumbnails' first to see the list of video files available.
When you select the video you want, you can play the video recorded.

Bluetooth Communication (1)

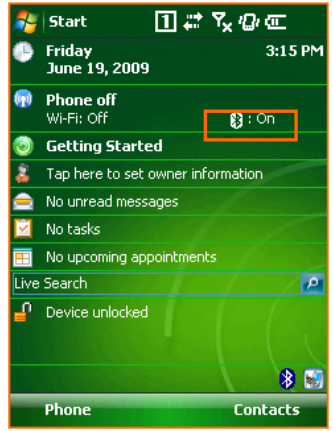
- Bluetooth On / Off



On the 'Today Main Screen' , select the Wireless State bar or Tap 'Start > Settings > Connections and select 'Wireless Manager'.



To turn on/off Bluetooth, tap the Bluetooth on the Wireless Manage



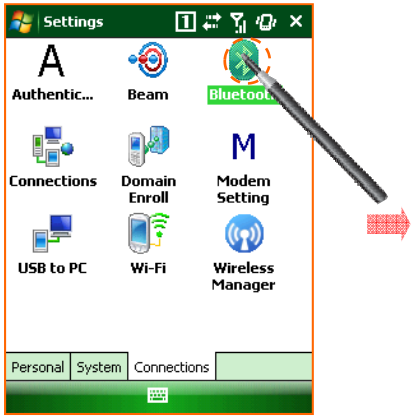
The status of Bluetooth can be seen on the wireless status bar on the main screen.

⚠ Bluetooth is optional. Device without built-in Bluetooth can not use Bluetooth service.

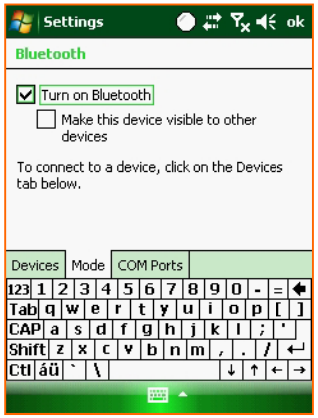
⚠ Bluetooth support the transmission and reception of files between the serial connecting service and Windows Mobile device.

Bluetooth Communication (2)

- Setting the Bluetooth
  - On the Bluetooth setting screen, you can set the Mode, connecting to BT device and COM settings

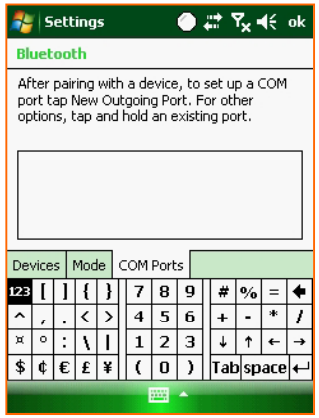


You can set the Bluetooth mode and establish connection when you tap the 'Bluetooth' icon on the Start > Settings > Connections.



In the Mode tab, you can turn on/off Bluetooth and make visible or invisible the device from outside.

In the device tab, you can search and connect to other Bluetooth devices.

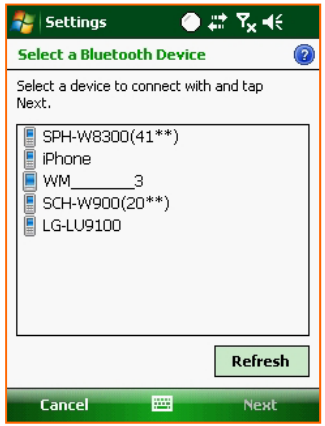

Settings
ok
Bluetooth
After pairing with a device, to set up a COM port tap New Outgoing Port. For other options, tap and hold an existing port.
Devices
Mode
COM Ports

In the COM Ports tab, you can set incoming Port and outgoing Port.

⚠ There are two ways that you can set up Bluetooth; StoneStreetOne/ Microsoft.
-It can be changed by operating BT Select in the 'Settings > System'.
-'StoneStreetOne' is the way of using 'BTExplorer', and it is set up as the basic mode in the mobile.

Bluetooth Communication (3)

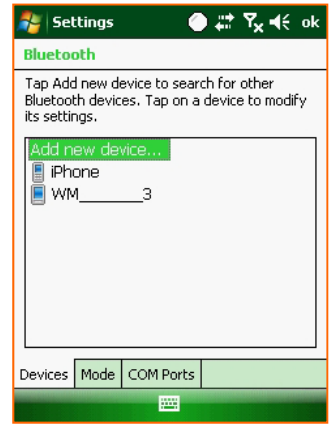
- To connect the Bluetooth
  - you can establish the connection by searching, matching pin code and selecting the service.



You can search the Bluetooth device available when you select the 'Add new device...' on the Device Tab. Select a device to connect with and tap 'Next' . Also you can select the 'Refresh' button if there is no device available.

Enter a Passcode to establish a secure connection.
The passcode can be fixed one or the one which is negotiated between two parties in before hand.

It shows the service available on the Bluetooth device.



It shows the registered devices. To add more device, please tab 'Add new device'.

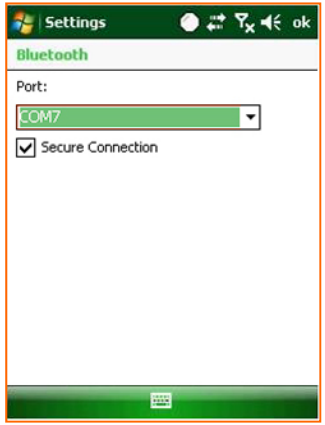
Bluetooth Communication (4)

- How to make the serial connection via Bluetooth
  - It is possible to assign the registered device to the COM port.

Settings
ok
Bluetooth
To connect to a device, tap New Outgoing Port. To allow other devices to connect, tap New Incoming Port. For other options, tap and hold an existing port.
New Outgoing Port
New Incoming Port
Devices
Mode
COM Ports

Once the device is registered, please tap 'COM Ports' tab and then select 'New Outgoing Port'.

Select the device you wand to add and tap 'Next'.



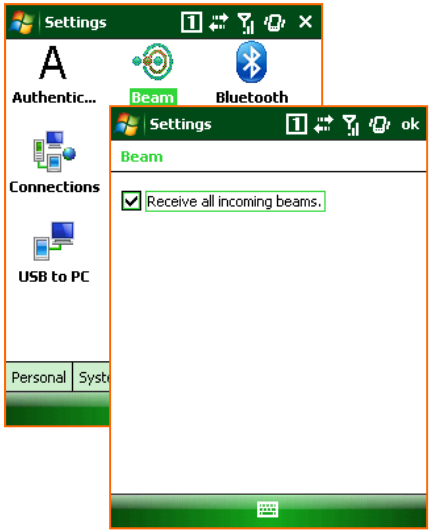
Select the port which is available, and then tab 'Finish'.

Settings
ok
Bluetooth
To connect to a device, tap New Outgoing Port. To allow other devices to connect, tap New Incoming Port. For other options, tap and hold an existing port.
Deskjet 460 S/N MY6C64Z1N...
New Outgoing Port
New Incoming Port
Devices
Mode
COM Ports

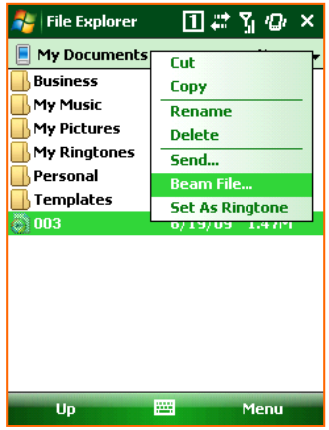
Once the connection is made, you can use the available service.

Bluetooth Communication (5)

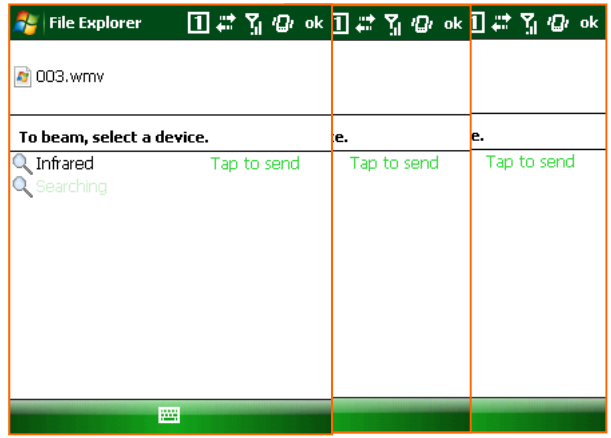
- Transferring files via Bluetooth connection.
  - It is possible to transfer files between Windows Mobile devices via Bluetooth.



In order to transfer files via Bluetooth connection, please go to 'Start > Settings > Connections > Beam' and then Check the 'Receive all incoming Beams '.



Select the file you want to transfer in the File Explorer. Press the file name long and tab 'Beam File'.

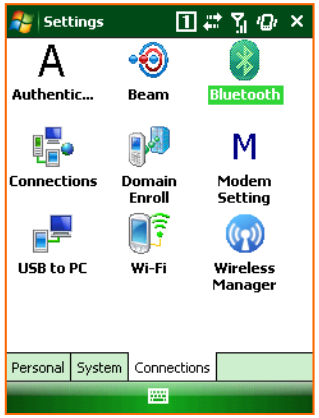


By tapping 'Beam File', the list of available Bluetooth devices shown. Please choose the device to transfer the file to.

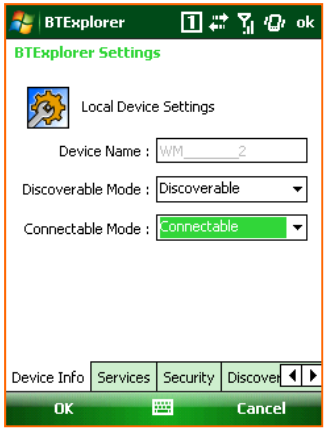
BTExplorer(1)

- Set up Bluetooth using BTExplorer

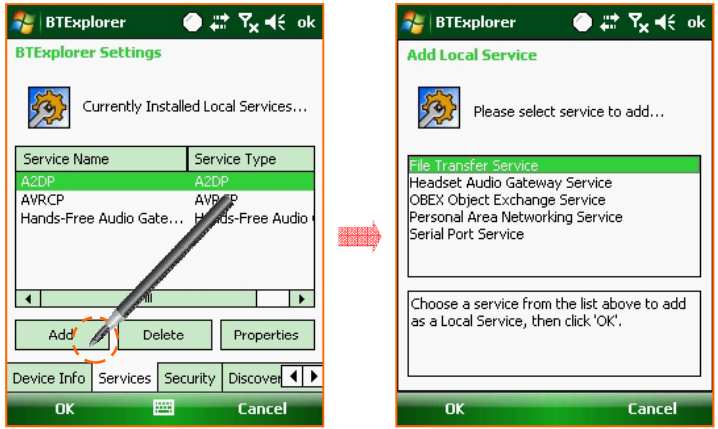
  -The user can set up mode, connecting BT device, COM setting by using BTExplorer.



If you click the 'Bluetooth' in the 'Start> Settings> Connections', you can set up and connect the Bluetooth mode.



Use the Device Info tab to configure the M3 Sky's Bluetooth connection modes.



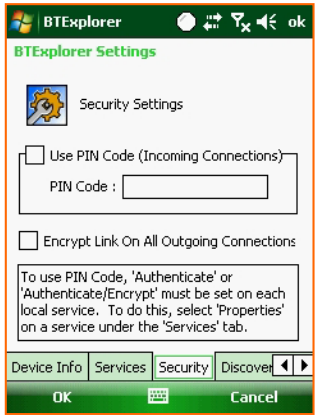
Use the Services tab to add or delete Bluetooth services.

To add a service:

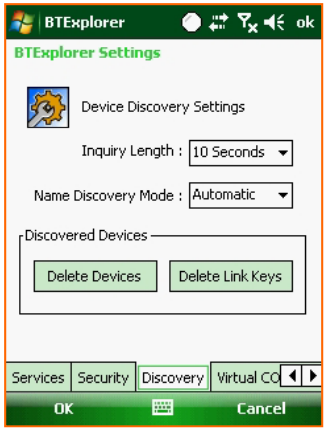
1. Tap Add. The Add Local Service window displays.
2. In the list, select a service to add.
3. Tap OK. The Edit Local Service window displays for the selected service.
4. Select the appropriate information and then tap OK. See the following sections for information on the available services.

BTExplorer(2)

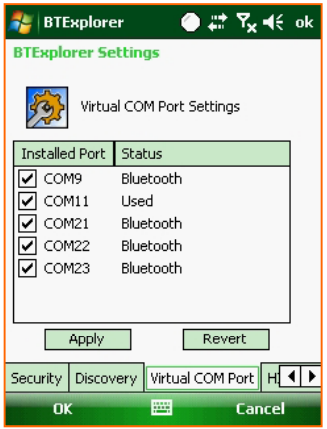
- Set up Bluetooth using BTExplorer



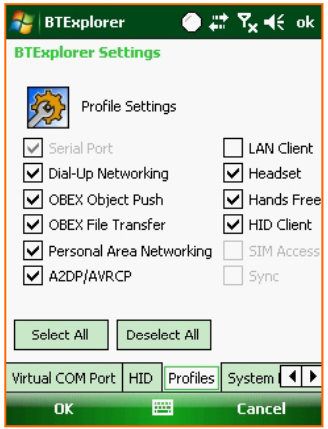
Security settings allows you to set global security policies for Bluetooth. Note that these settings are only active on local Services that are set to Authenticate or Authenticate/ Encryption. You can set authentication on local Services under the Services tab.



Use the Discovery tab to set and modify discovered devices.



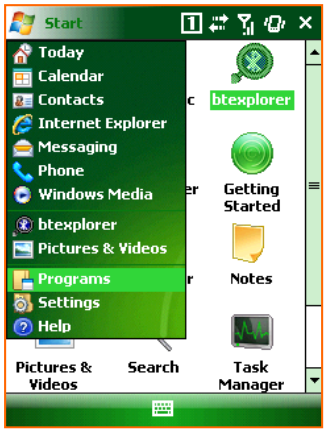
Virtual COM Port defines which COM ports BTExplorer attempts to use for virtual COM ports. Check the appropriate checkbox to use the port as a virtual COM port. When finished, choose Apply to enforce changes, or Revert to restore the original settings.



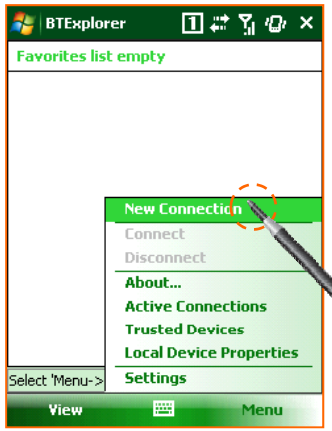
Use the Profile tab to load or remove Bluetooth services profiles. If a profile is not used, it can be removed to save memory.

BTExplorer(3)

- Connect Bluetooth using BTExplorer
  - The user can access Bluetooth by searching, matching the password, and selecting the service.



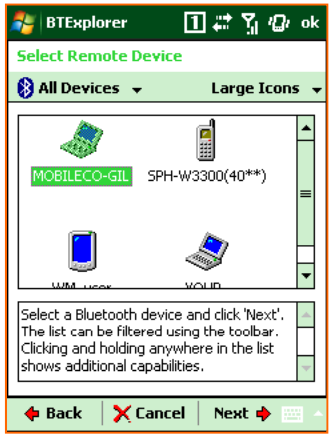
Press ‘BTExplorer’ in the ‘Start>Programs’



Press ‘New Connection’ in the menu where’s at the bottom of the screen

BTExplorer
ok
New Connection Wizard
Welcome to the New Connection Wizard!
Please select an action from the list below and click 'Next' to begin.
Explore Services on Remote Device
Search for Bluetooth devices and discover the services they provide.
Back
Cancel
Next

It displays the service list you can set up. Set up your choice and press the ‘Next’.



It displays the device list that you can connect. Click the device you want and press the ‘Next’.

IrDA Communication

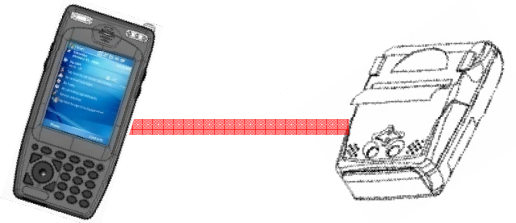
- To connect via IrDA

  M3 Sky can communicate with desktop, notebook, pocket PC as well as other PDA that has OBEX protocol for the IrDA communication.

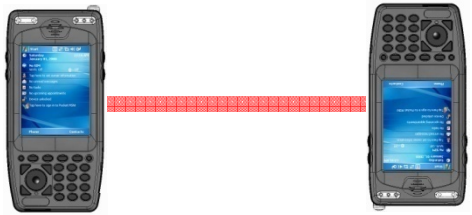
  To use infrared communication

  - Locate Infrared communication port to be in series with an infrared (IrDA) port with other device.
  - Press a quick link icon > Infrared communication menu.
  - Infrared communication program is started and you can exchange data.
  - If you want to have a serial communication with the device like printer, it is possible by connecting the COM Port.

  ※ It is advised to communicate within the shortest distance. Shorter distance makes data transmission faster.



Connecting to IrDA Printer

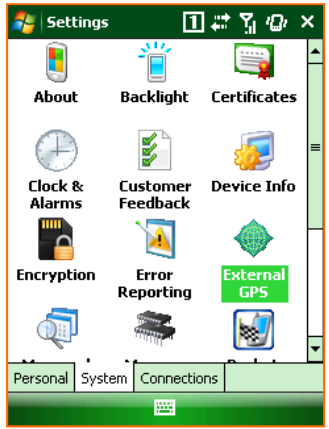


File transmission between PDA

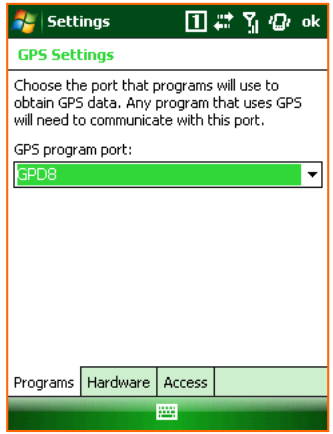
⚠ IrDA port is optional. Device without IrDA port can not use this feature.

To use the GPS (1)

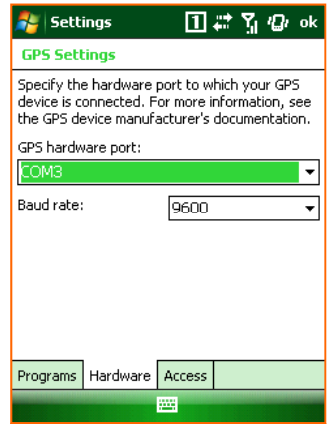
- To set the GPS
  - Tap the 'Start > Settings > System Tab > GPS' and then you can set the information related to the GPS.
  - You don't have to set additional information when there is a single program which uses GPS data. When there are more than one program which use GPS data, you need to set the program port and hardware port required for each program.



Select the GPS on the System Tab.



Set the GPS Program Port which is not yet used.



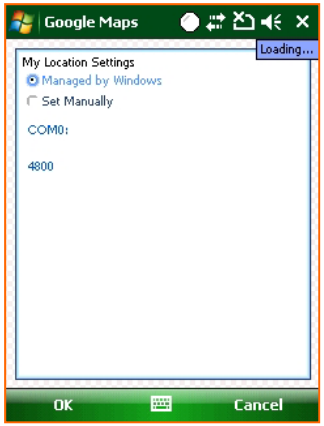
Set the Hardware port of the device. GPS hardware port for M3 sky is COM2 and with baud rate of 9600.

⚠ GPS is optional. GPS feature is not available on the unit with no GPS module integrated.

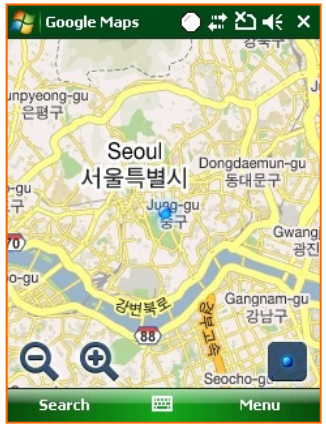
To use the GPS (2)

- To Connect the GPS
  - When there is a single GPS program, please use the GPS hardware port (COM2). When there are more than one GPS program, please use the pre-defined GPS program port.

Execute the GPS program you want.



Set the COM Port and Baud Rate.



It is available to use various application using GPS like searching the current location.

⚠ Sample GPS map is not provided by M3Mobile.

To use the Scanner (1) Scanner Manual

- To scan the barcode, there are two scanner programs installed on the device

1. M3 ScanTest

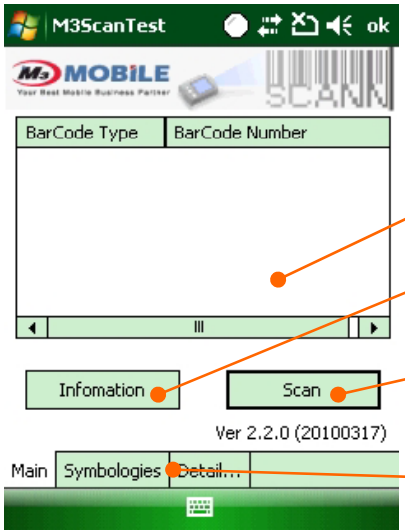
- It is a sample test program. It is only for testing the scanning feature of the device.
  It can not be used for business application.

2. ScanEmul

- It is a program which can be used to output the scanned data on the application.
  (like MS Word-Pad, Internet Explorer or Business Application)
- The ScanEmul program must be running if you want to scan barcodes.

To use the Scanner (2) M3 Scan Test

- This program is located under Flash Disk -> Scanner folder



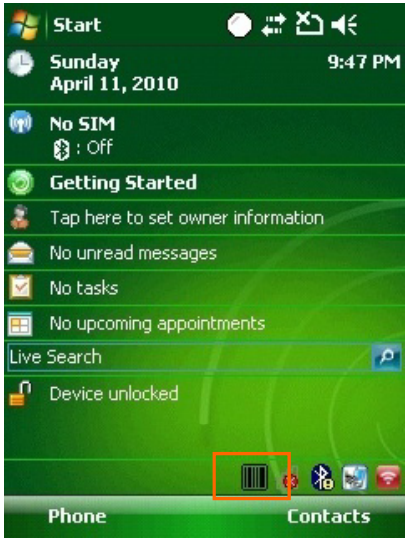
The Scanned Data will be displayed here

You can get the information like Firmware version, DLL version and Decoder version.

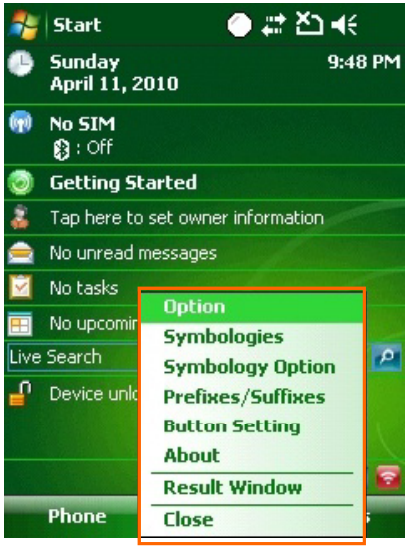
It is to trigger the scan beam.
You can also Use 'S' button on the right side of Device to trigger it.

You need to select this tab to configure Settings

To use the Scanner (3) Scan Emul

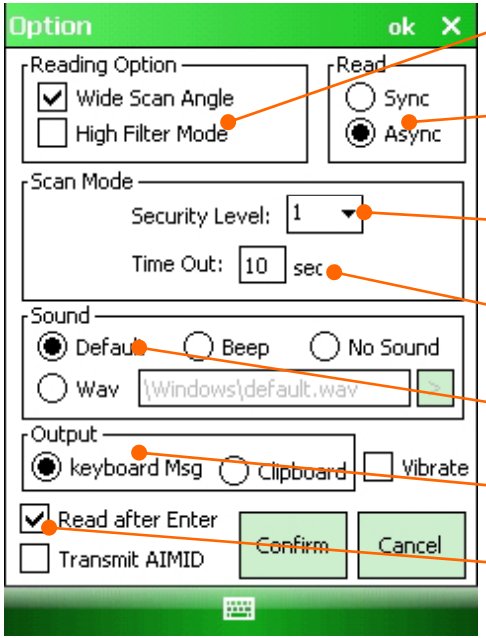


When Scan Emul program operates, program icon is appeared in the tray bar.
The user can access the various menus using this icon.



When you click the barcode icon, you will get This menu popped up.

To use the Scanner (4) Scan Emul



You can set the Reading Option.

Sync: Scan Beam shoots until the Barcode is scanned or it's timed out

Async: Scan Beam Shoots while trigger button is pressed or until it's timed out.

Security Level: number of times to check scanned data. (ex, when it is set to 2, it will scan two times and compare the data whether it is same or not.

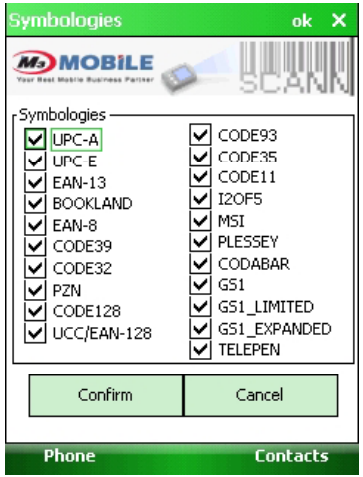
Time Out: Scanner beam will be shoot for this time set.

Sound: you can choose the sound which will ring when the data is scanned.

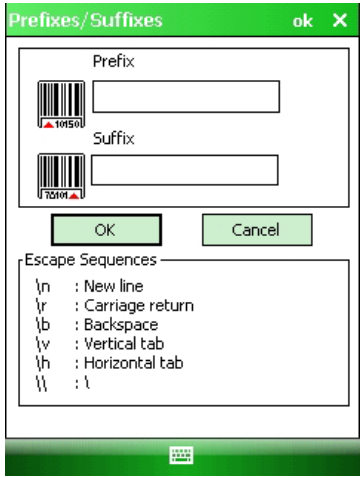
Output: you can select the output method.

When it is checked Enter code will be inserted after the barcode data.

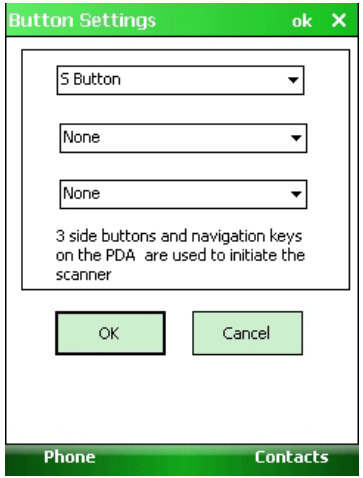
To use the Scanner (4) Scan Emul



You can select the symbol (Symbology) to activate.



You can create the prefix and suffix that will be used in the beginning and ending of the bar code data.



You can set the button that will be used as the scan button.

To use the Scanner (6) Scan Test

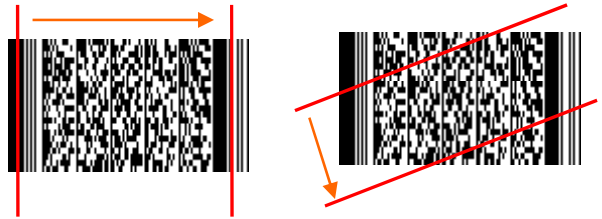
- How to use scanner
  - Usage of 1D Scanner (MC-7100S, MC-7500S)

Correct way

Incorrect way

  - Usage of 2D Scanner (MC-7700S)

Correct way

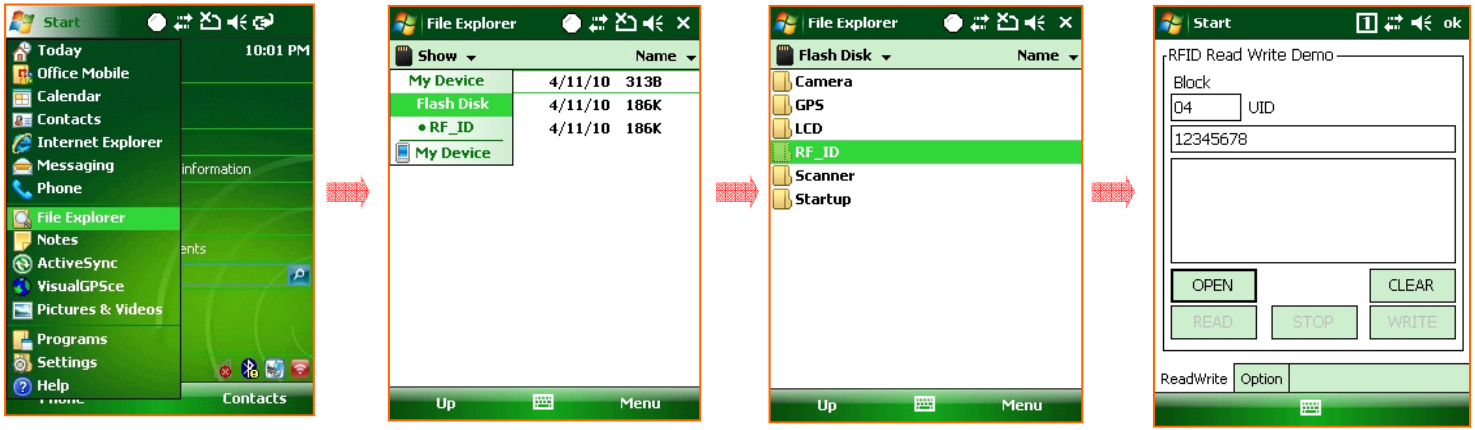


Incorrect way

⚠ Scanner is optional. You can not use scan feature with no scanner enabled device.
⚠ 2D Barcode Scanner is optional. Only with 2D Barcode scanner enabled device, you can do 2D barcode scan. (MC-7700S)

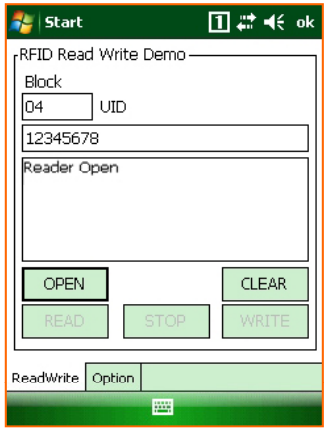
To use the RFID (1)

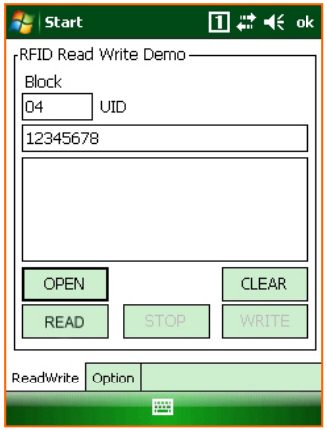
- To Connect the RFID
  - Tap the ‘Start > File Explorer > Flash Disk > RFID’ and then you can run RFID.

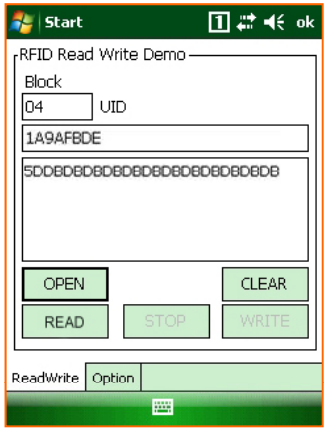


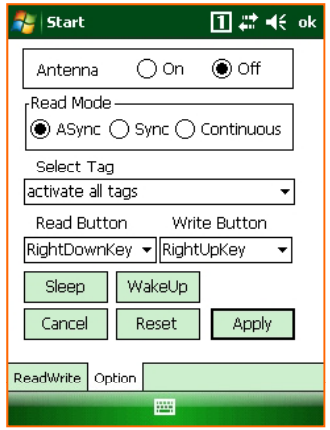
To use the RFID (2)

- To Connect the RFID
  - Let the upper back of the terminal touch the tag and then tap READ. RFID reader located in the upper-back of the terminal will recognize the tag.
  - You can select Read Mode in Option. In Sync mode, the terminal should reach the tag to read the information. In Async mode, the terminal automatically search around and read the tag.
    In Continuous mode, the terminal continues to read the tag unless you command to stop.









You can select Read Mode in Option.

⚠ Note that Continuous mode consumes the battery faster.

To use the RFID (3)

- Support Tag

	Manufacturer	Serial number	Read block	Write block	Transfer command	Comments
ISO 14443 A						
Mifare Standard	Philips	√	√	√	√	
Mifare 4k	Philips	√	√	√	√	
Mifare Ultralight	Philips	√	√	√	√	
Mifare ProX	Philips	√	√	√	√	
DESFire	Philips	√	-	-	√	Encryption included
SLE66CLX320P	Infineon	√	-	-	√	Encryption not included
SLE 55R04/ 08	Infineon	√	-	-	√	Encryption not included
Smart MX	Philips	√	-	-	√	
Jewel Tag	Innovision	-	-	-	√	Works only with 't' command
ISO 14443 B						
SLE6666CL160S	Infineon	√	-	-	√	
SR176	STM	√	√	√	√	
SLIX 4K	STM	√	√	√	√	
ASK GTML2 ISO	ASK	√	-	-	√	
ASK GTML	ASK	√	-	-	√	Extended setup needed
Sharp B	Sharp	√	-	-	√	
TOSMART P064	Toshiba	√	-	-	√	
Dual Interface						
ISO 14443 A compliant (1)	Various	√	-	-	√	
ISO 14443 B compliant(1)	Various	√	-	-	√	

⚠ RF-ID is optional. Device without RF-ID can not use this feature.
⚠ Frequency supported only 13.56MHz

M3 MOBILE
Your Best Mobile Business Partner

www.m3mobile.co.kr

copyright @M3 Mobile Corporation 2008 All Rights Reserved